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WHOLESALE
AND RETAIL
SEED MERCHANTS.

SPRINGFIELD, MO.
U.S.A.

Springfield Seed Company Seeds are Northern Grown Seeds.



ALL our Seeds are tested and our reputation has been builded on the principle of supplying our Customers with pure fresh seeds at prices as low as any reliable seed house in this country. We put out nothing on commission, and therefore have no old seed left on our hands at the end of the season. All seeds, bulbs, etc., named in this catalogue will be packed and delivered at your post office at prices mentioned except where otherwise noted.

Special Offer on Flower and Vegetable Seeds in Packages Only by Mail Prepaid.

WITH EACH \$.25 ORDER SELECT	6 FIVE CENT PACKETS, A PROFIT OF \$.05.
WITH EACH .50 ORDER SELECT	13 FIVE CENT PACKETS, A PROFIT OF .15.
WITH EACH 1.00 ORDER SELECT	25 FIVE CENT PACKETS, A PROFIT OF .25.
WITH EACH 2.00 ORDER SELECT	50 FIVE CENT PACKETS, A PROFIT OF .50.
WITH EACH 3.00 ORDER SELECT	75 FIVE CENT PACKETS, A PROFIT OF .75.
WITH EACH 4.00 ORDER SELECT	100 FIVE CENT PACKETS, A PROFIT OF 1.00.

For Club Orders of \$5.00, we offer a premium of \$1.75 in seeds put up in packets, or ounces, either Vegetable or Flower.

We guarantee the safe arrival of all goods, and if any shipment should fail to reach you in due time, please notify us and we will trace, and if lost, refill your order free of charge.

FIELD AND GRASS SEEDS.

We are issuing a wholesale price card of Field and Grass Seeds, Onion Sets, Seed Potatoes, etc. These cards we mail regularly to Merchants only.

We keep you posted on the Field and Grass Seed Market. We will give you prompt service, and save you freight.

Merchants not receiving our Wholesale Price Card are requested to write for same.

Prices of Grass and Clover Seeds, Seed Grain, Seed Potatoes, and other seeds are constantly fluctuating, and for this reason prices in a great many instances are not quoted. It will be a pleasure to us to quote prices at any time, and all orders entrusted to us will be filled at the lowest market price on date that order is received.

BEE SUPPLIES.

We are fully equipped to fill orders for Bee Supplies on short notice. We aim to make this a specialty, and ask all Bee-Keepers needing anything in this line to write for prices. Description of supplies will be found elsewhere in this catalogue.

Disclaimer Adopted by the American Seed Trade Association.

Springfield Seed Company gives no warranty expressed or implied as to description, quality, productiveness or any other matter of any Seeds, Bulbs or Plants they send out, and they will not be in any way responsible for the crop.

If the purchaser does not accept the goods on these terms they are at once to be returned.

SPRINGFIELD SEED COMPANY.

IMPORTANT NOTICE.

Prices named in this Catalogue are in most cases with postage added. When our customers call at our store to make their purchases we are able to save the postage; prices will, therefore, be correspondingly lower, especially on Beans, Corn and other heavy Seeds.

Springfield Seed Company

Annual Catalogue

....For....

=====1903=====

Wholesale and Retail Dealers

....In....

Vegetable, Flower and Field
Seeds, Bulbs, Etc.

320-322 West Walnut Street.

Springfield, Missouri.

Free to All.

Jewell Publishing Co.
Springfield, Mo.
1902

To Our Friends and Patrons:

In starting on the New Year's business, we desire first of all to extend a warm greeting to each one of our customers, and we wish each of you a Happy New Year, and upon beginning the Seventh year of our pleasant business relationship, we take pleasure in presenting our Catalogue for 1903. The past season our trade has been larger than ever before, and the liberal patronage, which has been given us in the past, has been the means of enabling us to extend our business greatly. Our improved facilities for testing and cleaning seeds are better than heretofore. We are now even more determined than ever to give each of our customers such complete satisfaction that we shall secure their entire trade and retain it from year to year.

Your order shall have prompt careful and intelligent attention.

With our best wishes for a prosperous year, we are

Yours truly,

Springfield Seed Co.

Remember we offer no Seeds on Commission to dealers, and thereby avoid the accumulation of old stock returned at the end of the season to be disposed of the next year.

Suggestions to Customers.

In ordering do not fail to give full shipping directions. When such are omitted, we will use our best judgment, and will forward by mail or express as may seem best.

Name and Address.—In ordering please be particular to write your Name, also that of your Post-Office, County and State, plainly. Also mention the mode of conveyance you prefer—whether by Mail, Express or Freight. Serious delays are sometimes occasioned by failure to give attention to these matters. When not specified, we shall use our best judgment. When goods are sent C. O. D., return charges will be added. As the prices of articles in catalogue are net, the purchaser can save the return charges by enclosing the remittance with the order.

A Few Novelties in Vegetable and Flower Seeds Offered by The Springfield Seed Co.

The Greatest Wax Bean Ever Introduced. KENTUCKY WONDER WAX.

The merits of the old Kentucky Wonder pole bean are well known. We now introduce a variety having all its superb qualities. It is of beautiful transparent yellow color. The bean is even more prolific than its green-podded namesake. It commences to bear well scarcely higher than the average bush variety and produces continuously until killed by frost. In some localities it has been known to bear from June to December. It is a rampant grower, one plant filling a plot with a mass of vines densely loaded with luscious beans, almost a solid mass of pods from bottom to top, and the pods are so fleshy that they are frequently greater in width than breadth. They are solidly meaty, entirely stringless, and when cooked deliciously rich and buttery. The seed is brown, closely resembling that of the Kentucky Wonder. For sale in packets only, 20c each.

THE CUMBERLAND,

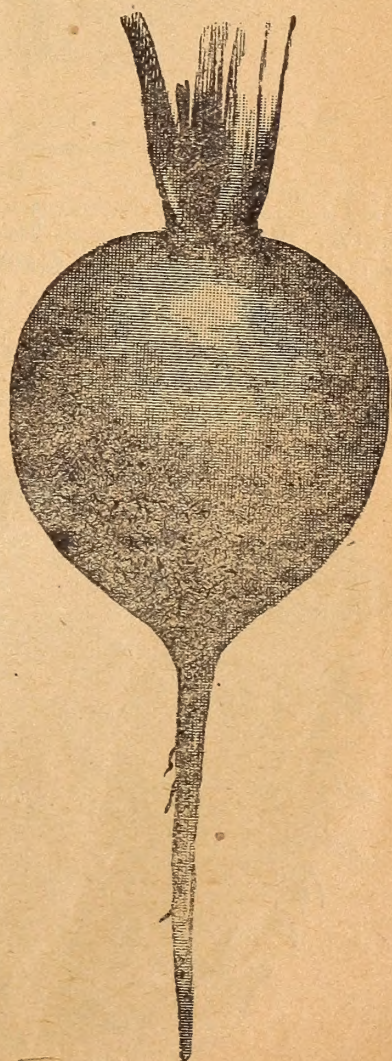
THE BEST PICKLING CUCUMBER KNOWN.

This splendid new variety has just been introduced by the largest and most experienced grower of Seed Cucumbers in the world. The variety is of the hardy White Spine type, and is a very rapid, strong grower. The pickles differ from other sorts, being thickly set with fine spines over the entire surface, except the extreme stem end, during the whole period of growth, from the time they first set until fully grown. The form is exceptionally straight and symmetrical, thus being as choice as a slicing variety as it is for pickles. The flesh is firm, but very crisp and tender at all stages. The grower has been some years perfecting this Cucumber, and we offer it in full confidence that it will please our customers in every particular. We can supply it only in limited quantities this season. Pkt., 20c; oz., 35c; $\frac{1}{4}$ lb., \$1.20; 1b., \$3.50.

A New Southern Watermelon.

ALABAMA SWEET.

This is the most recent introduction in Watermelons, and is at present the most popular variety in Texas and other Southern states. Its chief merit lies in its extreme earliness and delicious eating qualities. Texas truck-



TURNIP RADISH,

CRIMSON GIANT FORCING.

This new variety has been introduced by E. Benary, the leading seed and merchant in Germany. It is an entirely new type and differs greatly from all the varieties hitherto in cultivation, in so far as it attains more than double the size of those of other forcing varieties without getting pithy or hollow. The New Giant Radish develops roots seven inches in circumference and over an ounce in weight, their flesh remaining firm and crisp and of the mildest flavor. But considering the extraordinary size and weight of its bulbs, it is none as a forcing variety. We can recommend this new variety as a variety of undoubted excellence. It will soon become widely popular, certain to take a leading place among the standard varieties of both for the market and the private garden. Price per lb. 10c.

We recommend Cotton Seed Meal to Market Gardeners as a fertilizer for Greenhouses, Cold Frames, etc. Price on application.

FLOWER NOVELTIES FOR 1903.

CHRYSANTHEMUM SEGETUM HELIOS (BENARY).



Chrysanthemum Segetum Helios.

PANSY, Benary's Non Plus Ultra.

The richest mixture ever introduced in this country, composed exclusively of Blotched and Giant varieties. Very effective. Price, per packet, 25c.

PURPLE FOUNTAIN GRASS (Pennisetum Ruppelianum)

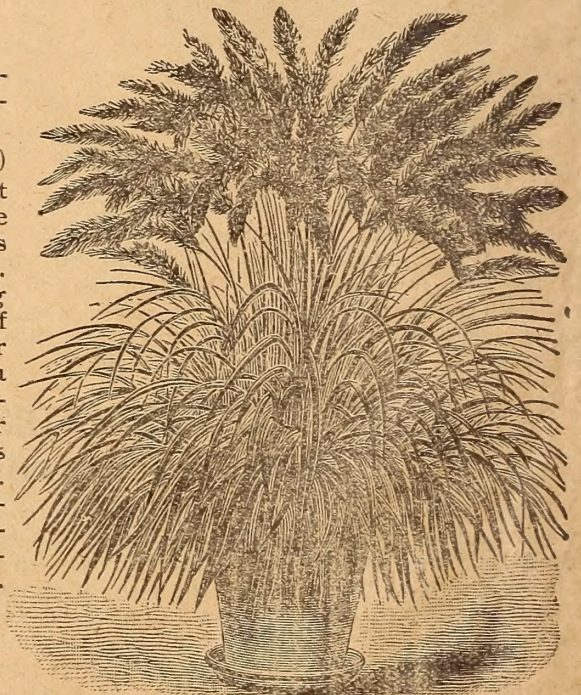
This charming novelty is likely to become a standard plant for the garden as well as for pot culture. It is decidedly the most ornamental decorative grass ever introduced. It has been highly recommended repeatedly in horticultural journals. From seed it quickly makes a plant 3 to 4 feet high, bearing

hundreds of long feather spikes of a metallic purple. Useful for cutting or as dried flowers. As a table ornament it is also most graceful and useful.



Silver Leaved Star Phlox.

This excellent novelty originates from the Chrysanthemum Morning Star introduced some years ago; but while the blooms of the latter are deep yellow in the center, shading outwards to a pale sulphur tint, the new variety bears pure golden yellow flowers of really splendid appearance. They are not only remarkable for this beautiful color, but also for their size, measuring often three and four inches across; and last, but not least, for their extraordinary durability. Bad weather has little or no effect upon them, the petals remaining firmly extended both in rain and sunshine. These qualities stamp the Chrysanthemum Helios as a cut flower of the very first rank, which should rapidly attain wide popularity. It offers, for instance, a capital substitute for the greatly demanded Chrysanthemum, Frutescens Etoile d'Or, with the additional advantage of requiring only the culture of an ordinary annual. Price per packet, 25c.



Purple Fountain Grass.

Phlox Drummondii Cuspidata Fol Alba Marginatis (Benary) Silver Leaved Star Phlox.

This charming novelty should interest all lovers of flowers. The plants branch freely, attaining the height of about one foot, and the flowers, mostly toothed and some fringed, are of rose and carmine foliage. This new Phlox is a really remarkable introduction, and will be found equally effective as a pot plant or in the open border. Packet, 25c.



No untried novelties offered. We use nothing but tested stock in filling orders. It is also our aim to avoid misleading or overdrawn description, and mean to adhere strictly to this idea, it having

been the secret of our success in the past.

Our idea has always been quality first—knowing that profits will follow. Good seeds mean good results for our customer, which is equivalent to good business the following season for us.

DESCRIPTIVE PRICE LIST.

With Directions for Cultivation and Time for Planting.

ARTICHOKE (Trüffel.)

This vegetable is a great delicacy, highly valued in all parts of Europe, and also one of the most prominent table vegetables in California and other parts of this country. It is a perennial, producing the large flower heads, which are the part eaten, the second season and every year thereafter. The young stalks are also sometimes tied and blanched, like Celery, but they are not equal to the flower heads. Cook like Asparagus and serve with cream or butter sauce. Sow seed early in hot beds or box in the house, and when weather becomes settled transplant in rows four feet apart and two feet in the row. When started early it sometimes blooms in the first year.

Large Green Globe—The best variety for general use, buds large, scales green, very thick and fleshy. Pkt., 10c; oz., 25c; $\frac{1}{4}$ lb., 90c.

ARTICHOKE ROOTS—These are an entirely different plant from the above and are used mainly for stock food. The greatest hog food known. One acre will keep from 20 to 30 head in fine condition, from October to April. The tubers somewhat resemble Potatoes. Pk., 40c; bushel, \$1.25.



Large Green Globe Artichoke.

ASPARAGUS.

(Spargel.)

One ounce will sow forty feet of drill.

Asparagus is so easily grown and such a large quantity is produced on a small amount of ground, that every garden should contain a bed. A bed ten feet square, requiring 50 plants, will give an abundant supply for any ordinary family; Soak the seed 24 hours in tepid water, sow early in the Spring, in rows a foot apart. keep clean by frequent weeding and hoeing.

Conover's Colossal—A remarkably vigorous grower, producing a good crop at two years from seed, and we do not hesitate to recommend it as the best variety grown in this section. Pkt., 5c; oz., 10c; $\frac{1}{4}$ lb., 20c; 1 lb., 50c.

Palmetto—Earlier than Colossal. Pkt. 5c; oz. 10c; $\frac{1}{4}$ lb. 25c; 1 lb. 65c.

Columbian White Mammoth—A new and entirely distinct variety, that produces shoots which are white and stay white as long as fit for use. It is more robust and vigorous in habit, and throws up larger shoots, and fully as many of them, as Conover's Colossal, and requires no earthing up in order to furnish the white shoots so much sought after. Pkt., 5c; oz., 10c; $\frac{1}{4}$ lb., 30c; 1 lb., 80c.

ASPARAGUS ROOTS (Spargel = Wurzel.)—Strong, two-year-old Roots, 75c per 100; \$6.00 per 1,000.

DWARF SNAP, or BUSH BEANS.

(Busch- und Stangen-Bohnen.)

GREEN PODDED VARIETIES.

One quart will sow one hundred feet of drill.

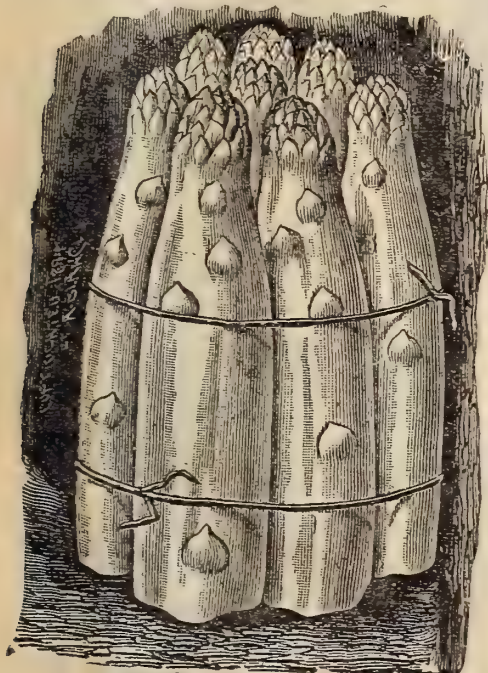
Columbia Mammoth White Asparagus.

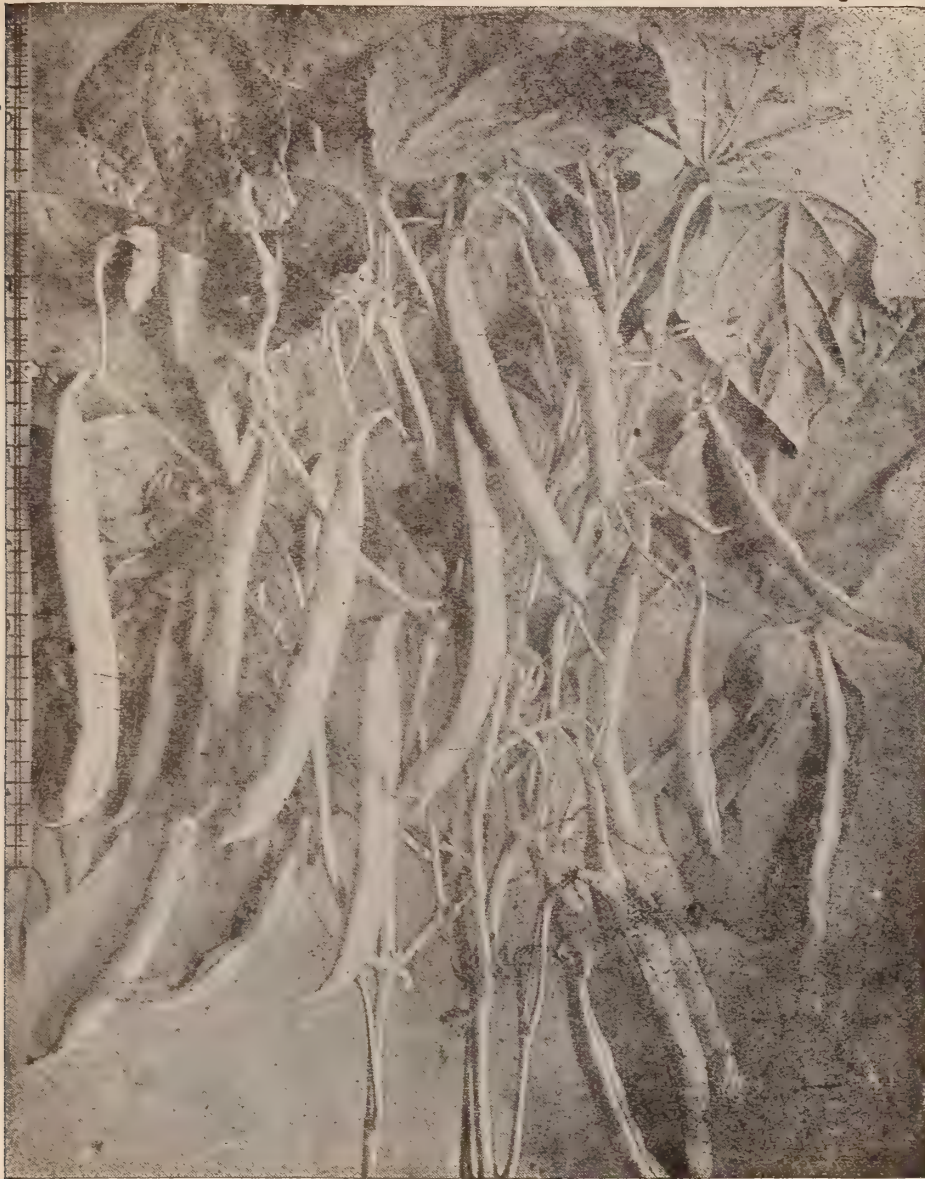
White Marrow—Similar to the White Navy, but larger. Pkt., 10c; pt., 25c; qt., 40c.

Burpee's Stringless Green Pod—Absolutely one of the best green pod Beans in cultivation. Positively stringless, remains tender and crisp longer than any other variety, succulent and rich of flavor, hardy and prolific, earlier than Yellow Six Weeks, pods full and round, longer and straighter than Valentine, a grand, good sort, and especially valuable for the home table. Pkt., 10c; pt., 25c; qt., 40c, postpaid; pk., \$1.75, not postpaid.

Early Refugee, or Thousand to One—Most prolific green podded sort, thick and fleshy. This variety comprises the two qualities of being extra early and very productive; very valuable for pickling. Per pkt., 10c; pt., 25c; qt., 40c; postpaid.

Early Mohawk—A standard early variety. A hardy, vigorous grower; yields heavy and especially adapted for poor land. Per pkt., 10c; pt., 25c; qt., 40c.





Giant Stringless Green Pod Valentine.

but the seed and the pod are round, and in quality it is superior. Pkt., 10c; pt., 25c; qt., 40c.

Giant Stringless Green Pod Valentine—A great novelty in Beans. More than a week earlier than Improved Round Pod Valentine, and more prolific. Pkt., 10c; pt., 25c; qt., 40c.

BUSH LIMA BEANS. (Busch-Butter-Bohnen.)

Henderson's Bush Lima, or Dwarf Sieva—The first introduced. It is the most productive of any, and on the whole is a vegetable of great merit. Pkt., 10c; pt., 25c; qt., 40c, postpaid; pk., \$2.00, by freight or express.

Burpee's Large Bush Lima—Much larger and of better quality than the Henderson's; in fact as large as the pole, or King of the Garden Lima. Remains green longer than other Limas. Pkt., 10c; pt., 25c; qt., 40c; pk., \$2.00, freight or express.

New Wonder Bush Lima—The earliest, dwarfest, most prolific and best quality of all, and should be planted in every garden, where, for space occupied, it will give the largest and best returns of any other vegetable. Pkt., 10c; 3 pkts., 25c, postpaid; pt., 40c; qt., 75c.

The dwarf growing Lima Beans are fast growing in popularity, particularly where the use of poles is an objection. Our stocks of all the varieties are fine, the best on the market.

DWARF WAX PODDED VARIETIES.

Improved Golden Wax—(Rust-proof). The handsomest and hardiest of all the Wax Beans. Very productive; pods straight, broad and a beautiful golden wax. Quality very excellent. It is also one of the very best green shelled beans and excellent dry. We recommend it to all. Pkt., 10c; ½ pint, 15c; pint, 25c; qt., 45c.

Prolific German Black Wax (or Cylinder Black Wax Bush Bean)—This is an entirely new and improved strain of the old favorite German or Black Wax Bean, earlier, very productive; pods perfectly round, straight, long, and of rich golden color. Ready for table 35 days from germination. Pkt., 10c; pt., 25c; qt., 45c.

Reports from the Northern growing sections indicate a heavy shortage in Beans, and we would suggest that those desiring a select assortment place their orders without delay.

Improved Early Red Valentine—A select strain of Early Red Valentine, ripening very uniformly and producing enormously. Pods tender and succulent; the most profitable sort for the gardener; ready to pick in 35 days. Per pkt., 10c; pt., 25c; qt., 40c, postpaid. Peck, \$1.75, not postpaid.

Best of All, Green Pod—This superb variety originated in Germany, but has been grown for some years in the vicinity of New York and other Eastern cities. The pods are six inches long, very fleshy, succulent, stringless, and of very rich flavor. They are produced early and abundantly. Altogether it is one of the most valuable green podded Beans for market or family use. Pkt., 10c; pt., 25c; qt., 40c.

Early, Long, Yellow Six Weeks—Pods when young are long and of excellent quality. A standard early sort for general crop. Has full flat pods. Pkt., 10c; pt., 25c; qt., 40c.

Horticultural Dwarf—Excellent quality as a shell Bean, either green or dry; equal to the pole Bean, easier to cultivate. Sometimes called the Boston Favorite. Pkt., 10c; pt., 20c; qt., 35c.

Round Six Weeks (Improved Round Pod)—Similar to the Long Yellow Six Weeks in habit of growth and season of maturity,





Wardwell's Early Kidney Wax.

orders are advised as stock is limited. Pkt., 10c; pt., 25c; qt., 45c, postpaid; peck, \$2.25, freight or express.

On all varieties of Beans not otherwise noted, prices: Pkt., 10c; pt., 25c; qt., 40c. These prices include prepayment by mail.

POLE BEANS. (Stangen = Bohnen.)

Dutch Caseknife—Very early, pods long and flat, beans pure white and of excellent quality, used either green or dry.

Southern Prolific—Used as either a Pole or Cornfield Bean. Will bear till frost.

Speckled Cut-Short, or Cornhill—Very profitable and popular for planting among corn.

White Crease-Back, or Fat Horse—Very long, large and absolutely stringless, beans growing in clusters.

Lazy Wife's—This Pole Bean has become very popular. We presume it derived its name from its immense productiveness, and from the ease with which they are cooked. Pods are broad, thick, very fleshy and entirely stringless. Each pod contains six to eight round white beans. Pkt., 10c; pt., 25c; qt., 45c, postpaid.

Kentucky Wonder, or Old Homestead—This splendid variety is an improvement on Southern Prolific; two weeks earlier, more prolific, long, round pods. An excellent Pole or Cornfield Bean for home use or market; will be more extensively grown than any other pole variety. Pkt., 10c; pt., 25c; qt., 45c; postpaid; pk., \$2.00, not prepaid.

"KING OF THE GARDEN LIMA."

Finest stock for market gardeners. When not closely planted they set their pods early at the bottom of the pole, producing a continuous bloom and fruitage to the end of the season. The pods are of enormous size, many specimens measuring from 5 to 8 inches and producing up to seven beans to the pod, all perfectly formed and of superior quality.

FORD'S MAMMOTH POLE LIMA.

The largest and most productive Lima Bean. The pods of this most desirable bean grow to an average length of eight inches and are produced in great clusters. The pods have from five to seven beans of excellent quality, both green and dry. It might be called the ever-bearing, as the pods are produced early at the bottom of the pole, and are continuously produced until the frost destroys the vines.

Sieva, or Small Lima—Two weeks earlier than Large Lima.

White Sickle—Those who object to the Kentucky Wonder because of the colored beans, will be delighted with this new sort, which has equally long and tender pods, but with white instead of colored beans. It has been grown with great success in the South, and those who have used, think it by far the best bean for this climate. Pkt., 10c; pt., 25c; qt., 50c.

Prices on Pole Beans, when not noted: Pkt., 10c; pt., 25c; qt., 50c, postpaid. White Sickle Pole Beans.

Wardwell's Early Kidney Wax Bean—Hardy and productive, pods long, broad, flat, and of a delicate waxy yellow, brittle and entirely stringless. The yield considerably exceeds that of the common Golden Wax, and is equally as early. Pkt., 10c; pt., 25c; qt., 50c.

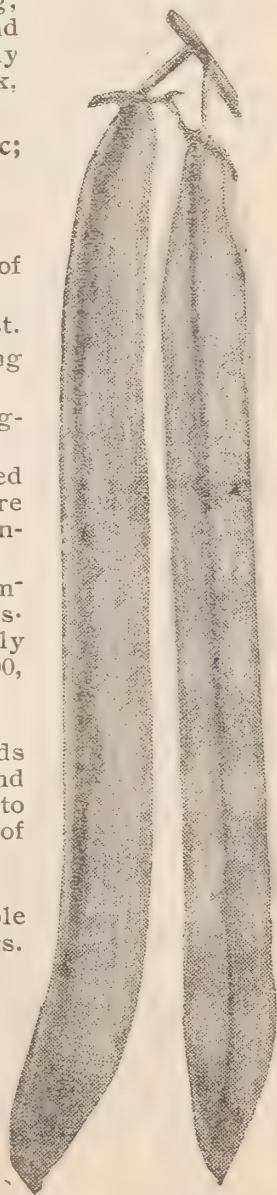
Davis White Kidney Wax—A new white rustless, productive wax-podded Bean. Pods flat, very long, white, straight and handsome; seeds clear white; excels all others in hardiness and productiveness. Valuable for market gardeners and canners' use. Pkt., 10c; pt., 25c; qt., 45c.

Scarlet Flageolet Wax—The pods are often a foot in length, exceedingly succulent, stringless and tender. It is an enormously productive variety, and nearly always exempt from rust. Pkt., 10c; pt., 25c; qt., 45c.

Currie's Rust-Proof Wax—This variety is claimed to be absolutely rust-proof; pods long, flat, tender and of fine quality. It is early, productive, and a good all-round Bean; ripens about with the Kidney Wax. Pkt., 10c; pt., 25c; qt., 40c; pk., \$2.00.

Improved Rust-Proof Golden Wax—The standard variety for general use; pods long, nearly straight, broad, flat, and clear yellow. Pkt., 10c; pt., 25c; qt., 40c; pk., \$2.00.

Pencil Pod Wax Bean—Thorough trials the past season made in different climates and under different conditions have substantiated the claims of the originators as to its hardiness and great prolificacy combined with superior table quality and absolute freedom from strings. Long, straight pods, perfectly round and smooth, of rich color. Early





Crosby's Egyptian.

BEETS. (Rothe Rüben.)

Edmund's Beet—It is of good size, very early, perfect in form, and of that deep, rich blood color so much sought by gardeners. It commands a good price and a ready sale in all markets. It will produce fully 800 dozen bunches early Beets per acre. Our stock has been selected from the best French grown stock. Pkt., 5c; oz., 10c; $\frac{1}{4}$ lb., 20c; 1b., 50c.

Crosby's Egyptian—The earliest Beet in the market. A selection from that standard market Beet, Early Egyptian, which retains the earliness of the parent stock and has added thickness, giving it a more desirable shape. It is the deepest red, almost black in color, and is of finer quality than the Egyptian, being sweeter and even more tender and smoother. The most desirable sort for small beets for early market, as it is in presentable market shape quicker than any of the others. It is a very rapid grower, and can be sown outside as late as July. Pkt., 5c; oz., 10c; $\frac{1}{4}$ lb., 20c; 1b., 60c.

Eclipse—A very early, smooth, dark, globe-shaped Beet, with small top; in earliness and quality it is excelled by none.

A good cropper. We can recommend it highly for market and garden use. Pkt., 5c; oz., 10c; $\frac{1}{4}$ lb., 15c; 1 lb., 50c.

Long Blood-Red (very rich) 62 Days—Resists drought better than any other variety of Beets; color deep red, flesh very sweet. Grows entirely under ground. Ten to twelve tons can be grown to the acre. Valuable for cattle. Keeps well during Winter. Pkt., 5c; oz., 10c; $\frac{1}{4}$ lb., 20c; 1b., 50c.

Early Blood-Red Turnip—The old standby and a universal favorite. Deep blood color. Good early and late. Pkt., 5c; oz., 10c; $\frac{1}{4}$ lb., 20c; 1b., 50c.

Swiss Chard, or Silver Beet—A distinct vegetable and much superior to the common beet for greens, which are produced remarkably soon after planting. Later the leaves grow very large, with broad, flat, beautifully white, wax-like stems and midribs, which may be cooked like asparagus. Pkt., 5c; oz., 10c; $\frac{1}{4}$ lb., 15c; 1b., 50c.

Detroit Dark Red—We find this to be as early as Crosby's Egyptian, with flesh as dark as the Edmunds, with a more intense red. Tops small, upright-growing, so that the rows may be nearer together; roots globular or ovoid; color of skin dark blood red; very crisp, tender and sweet, and remaining so for a long time. An early beet of the finest quality for either home or market use. Pkt., 5c; oz., 10c; $\frac{1}{4}$ lb., 25c; 1b., 60c.

When ordering by express deduct 10c per lb. from above prices.

MANGEL AND SUGAR BEETS FOR STOCK.

Extensively grown in all parts of the country for feeding stock. Sow in April or May in drills three feet apart, and thin to ten inches in the row. If your soil is deep and mellow, try the long varieties; if shallow the round kinds will do better. No crop pays farmer or stock raiser better than mangels; 1,000 bushels to the acre is an ordinary yield, while, with good culture, 2,339 bushels have been grown to this amount of ground. It costs, counting labor, use of ground and everything, less than \$50 to raise an acre of mangels and gather and store them. This, for an ordinary yield, is a cost of only five cents per bushel. They make the cheapest of foods for all kinds of live stock—horses, cattle, sheep, pigs, chickens, etc. Easily grown, and they help to keep stock in good condition and free from disease. Dairymen claim that a bushel of mangels and a bushel of corn are worth more than two bushels of corn. Full directions for culture and storing mangels will be sent on application. Use five pounds of seed to an acre.

Golden Tankard—The best Yellow Mangel in cultivation. A distinct and valuable yellow-fleshed variety, which contains a larger percentage of sugar and nutritive matter than any of the red-skinned sorts. It is more relished by milch cows and sheep than any other. In shape it is almost cylindrical. It is very easily pulled and is exceedingly hardy. $\frac{1}{4}$ lb., 15c; 1b., 30c; postpaid.

Red Globe—A large, globular, red sort, even a better keeper than the Long Red. It produces fine crops upon shallow soil, which added to its fine grain and excellent keeping qualities, renders it the most desirable.

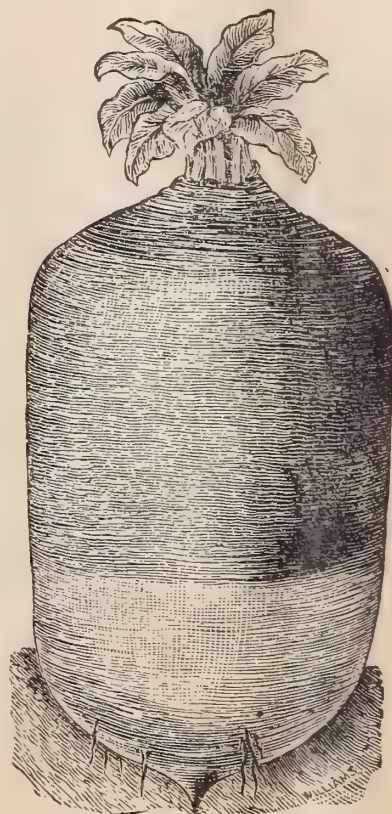
Yellow, or Orange Globe—Remarkably smooth in shape, considering the large size attained. Flesh white and a great keeper. Will stand a dry season exceedingly well, hence good for late planting.

Vilmorin's Improved Sugar—A variety originating in France. It differs from the Mangel Wurzel in containing the largest percentage of sugar of any known variety. In size it is medium, yielding in this section from 10 to 16 tons per acre. Containing about 18 per cent sugar. Cannot be over-estimated for any purpose. Should be grown in deep soil.

Mammoth Golden Giant—An improvement on the Long Yellow Mangel, being of considerably greater size, more than half above ground and of a more grayish or rather russet yellow color. Remarkably even in shape, rather elongated, of vigorous growth; it has a fine neck and a very smooth skin. Flesh white, firm and sweet, much liked by cattle. In short, a magnificent root, easily lifted from the ground, producing enormous crops. Excellent keeper, yielding 40 to 60 tons per acre.

Any of the above varieties, large pkt., 5c; 1-4 lb., 15c; 1b., 40c; 5 lbs., \$1.50.

We are headquarters for Bee Supplies, and are able to furnish anything in that line. Write for prices.



Golden Tankard Mangel.

CABBAGE.

(Früh- und Spät-Kraut.)

Extra Early Jersey Wakefield—This old variety needs no description. Has stood for twenty-five years without an equal for the home or market garden. The best of all early Cabbage. Pkt., 5c; oz., 20c; $\frac{1}{4}$ lb., 60c; 1b., \$2.25.

Charleston, or Large-Headed Wakefield—A prize winner among early Cabbage. Coming directly in succession to Jersey Wakefield, having characteristics of this variety, but almost twice the size, we do not hesitate to recommend the Charleston to any customer growing early Cabbage, for whatever purpose. It fills a long-felt want.

Pkt., 10c; oz., 25c; $\frac{1}{4}$ lb., 75c; 1b., \$2.25.



Extra Early Jersey Wakefield.

Henderson's Early Summer—A flat-heading variety about ten days later than Jersey Wakefield, and for years has headed the list of second early Cabbage. Pkt., 5c; oz., 15c; $\frac{1}{4}$ lb., 60c; 1b., \$2.00.

Early Winningstadt—An old style cone-shaped Summer sort; when sown late it is good for Fall, even Winter; a sure header and good keeper; very popular with Germans. Pkt., 5c; oz., 15c; $\frac{1}{4}$ lb., 40c; 1b., \$1.25.

Early Dwarf Flat Dutch—An excellent second early old standard variety, producing fine large heads after the first early varieties have disappeared. Highly valuable both for its fine quality and ability to resist heat. Heads are very solid, broad and round, flattened on top, tender and fine grained. Pkt., 5c; oz., 20c; $\frac{1}{4}$ lb., 50c; 1b., \$1.50.

All Seasons—This strain of Early Drumhead Cabbage we offered to the public some years since, under the broad claim of being about as early as the Early Summer, and growing much larger. Gardeners everywhere say they find our claims are fully substantiated in every particular. As its name indicates, it can be planted at all seasons. It forms a fine large head of superior quality, not bursting after heading; the heads are of great thickness, which makes a capital market sort and good keeper. Pkt., 5c; oz., 20c; $\frac{1}{4}$ lb., 60c; 1b., \$2.00.

Genuine Sure Head—This popular Cabbage is rightly named Sure Head. It never fails to make a remarkably fine, solid, large head, with few outer leaves. It originated some years since with a practical market gardener, by crossing the Flat Dutch and Drumhead varieties, and has always brought the highest price in markets. It is a strong, vigorous grower, ripening late for a main crop, and very uniform in size and color. Our supply is grown from the original seed, and none better is to be had at any price. Pkt., 5c; oz., 15c; $\frac{1}{4}$ lb., 50c; 1b., \$1.75.

Henderson's Succession—Intermediate between the Early Flat Dutch and the Late Flat Dutch, slightly later than the second early sorts and much earlier than the late sorts. Similar to the old Newark Early Flat Dutch. Pkt., 5c; oz., 20c; $\frac{1}{4}$ lb., 50c; 1b., \$2.00. By express or freight, not prepaid.

Louisville Drumhead—This fine Cabbage is very popular with the kraut makers. It is a medium late variety, forming a large solid head, which seldom bursts. It is used largely by shippers in the vicinity of Chicago who ship Cabbage South. It comes in between the second early and the late varieties. Pkt., 5c; oz., 20c; $\frac{1}{4}$ lb., 60c; 1b., \$2.00.

St. Louis Late Market—A very superior late sort. Has been grown with great success by market gardeners throughout the entire country, and for a late Cabbage certainly has no superior. Pkt., 10c; oz., 50c; $\frac{1}{4}$ lb., \$1.50; 1b., \$5.00.

American Drumhead Savoy (Wirring)—The leading variety of all the Savoy. Special attention should be given to this class, especially where quality rather than quantity is desired. Valuable for the private garden. Of sweeter flavor than other Cabbage, especially where touched slightly by frost. Rapidly gaining favor as the most delicious of all vegetables. Pkt., 10c; oz., 25c; $\frac{1}{4}$ lb., 75c; 1b., \$2.25.

Red Dutch—Used almost exclusively for salad or pickling. Hardy, an excellent keeper. Is slow to mature. Should be transplanted rather early, in a good heavy soil, to obtain perfection. Pkt., 5c; oz., 25c; $\frac{1}{4}$ lb., 60c; 1b., \$2.00.

Large Late Drumhead—Heads enormous. A very hardy and especially desirable winter sort. A fine shipper. Pkt., 5c; oz., 15c; $\frac{1}{4}$ lb., 50c; 1b., \$1.75.

Autumn King—Heads broad, flat, heavy; earlier than Late Drumhead and more showy. Stems short, few outside leaves, a remarkably fine sort. Pkt., 5c; oz., 20c; $\frac{1}{4}$ lb., 50c; 1b., \$2.00.

Merchants not receiving our wholesale price card of Field Seeds, Grass Seeds, Onion Sets, etc., are requested to write for same. We give you prompt service and save you freights.

WRITE FOR PRICES ON BULBS, ROSES AND PLANTS FOR SPRING AND SUMMER FLOWERS.

The Lupton Cabbage.

This fine new Cabbage is accurately described as follows by the originator, Mr. J. M. Lupton: "It is the result of an effort to combine in one variety the best qualities of the second early and the late sorts. It is a little earlier than any one of the various strains of Flat Dutch and Drumhead, and of closer growth. The heads are particularly large in proportion to the plant, which grows strong but does not spread out much. The stalk is rather short; color dark green. The quality is fine, and it is also one of the best keepers we have and comes out in the spring bright and fresh. The heads are not likely to crack open. As for uniformity, it will grow more uniform and head better than the late varieties."

Pkt., 5c; oz., 20c; 2 oz., 35c; 1 lb., 65c; 1/2 lb., \$1.25; 1 lb., \$2.00.

Dutch Winter or Holland—The favorite Winter Cabbage with market gardeners. It is as hard as a rock,

and a small head, but will weigh as much as a large head of any other variety. The leaves lap over and make a head in which there is no waste. Pkt., 10c; oz., 30c; 1/4 lb., \$1.00; 1 lb., \$3.00.



Lupton.

Springfield Seed Company's Improved Late Flat Dutch Cabbage.



Springfield Seed Company's Improved Late Flat Dutch.

In this superior strain of late Cabbage we believe we have combined every good quality essential to perfection. It is the result of several years' continued selection seed stocks of the most perfect and largest heads, with low stocks, and especially those that show greater earliness in heading, with few outer leaves and a very uniform color. By such persistent selection, we have a highly improved strain. Market gardeners grow it in preference to all others for a main crop. It grows very large and never fails to make a perfect, solid head, and is most uniform in shape, size and color. Pkt., 10c; oz., 25c; 1/4 lb., 70c; 1 lb., \$2.25 postpaid; by express, 1 lb. \$2.15; 2 lbs. \$4.25; 5 lbs. and over, \$2.00 per lb.

We make a specialty of Onion Sets. Write for prices on bushel and large lots.

Try our Mixed Lawn Grass. Per lb. in 1 lb. cartons, 25c; per bushel of 20 lbs. in bulk, \$3.50.

USE OUR LAND PLASTER FOR YOUR LAWN, AND USE IT EARLY.

CARROTS FOR THE TABLE.

(Gelbe Rüben.)

CULTURE—Carrots for early crop should be sown as early in the spring as the condition of the ground will permit, in drills 16 to 18 inches apart; cover lightly, and if too thick, thin to about three inches in the row. Sow 3 to 4 pounds to the acre or one ounce to 100 feet of drill. A light soil preferred.

Extra Early French Forcing—The earliest variety. Valuable for forcing. Root is small and round. Quality is excellent. Tops small. Color an orange red. Pkt., 5c; oz., 10c; $\frac{1}{4}$ lb., 25c; lb., 75c.

Guerande, or Ox Heart—A very valuable variety for family or market use. Handsome in shape. Intermediate in size, but very early. Rich orange color, and excellent in quality. Used also for feeding. Pkt., 5c; oz., 10c; $\frac{1}{4}$ lb., 20c; lb., 65c.

Early Half Long Scarlet—Similar in shape to the Carentan. Color, bright scarlet, becoming yellow in the center, but without core. This is a very fine table sort. Pkt., 5c; oz., 10c; $\frac{1}{4}$ lb., 20c; lb., 60c.

Danver's Half Long—An old standard, all-purpose Carrot. Medium in length, tapering to a point. Rich dark orange color, and is without doubt the best general crop Carrot in cultivation. Pkt., 5c; oz., 10c; $\frac{1}{4}$ lb., 20c; lb., 65c.

Chantenay—Tops medium size; necks small; roots tapering slightly but uniformly stump rooted and smooth; color, deep orange red; flesh very crisp and tender. Although this is a medium early sort, it furnishes roots of usable size as early as any, is a heavy cropper, and is undoubtedly one of the best for both the market and private garden, while its great productiveness makes it very desirable as a field sort. Pkt., 5c; oz., 10c; 2 oz., 15c; $\frac{1}{4}$ lb., 20c; lb., 65c.



Carrots.

CARROTS FOR STOCK.

(Gelbe Rüben für's Vieh.)

White Belgian—Grows very large and somewhat above ground, making it easy to harvest, enormously productive. Pkt., 5c; oz., 10c; $\frac{1}{4}$ lb., 15c; lb., 40c.

Improved Long Orange—A very well known and popular variety for late planting and winter use. This variety will give your butter a rich color; also good for table use, roots being straight and smooth. A rich orange red. Pkt., 5c; oz., 10c; $\frac{1}{4}$ lb., 20c; lb., 60c.

Long Red Stump-Rooted—Very uniform in size. Flesh rich red in color. Possessing high feeding qualities. Well adapted for heavy soil. Especially recommended to stock breeders as a heavy cropper. Pkt., 5c; oz., 10c; $\frac{1}{4}$ lb., 20c; lb., 60c.

CAULIFLOWER. (Blumenkohl.)



Improved Snowball Cauliflower.

One of the most delicious of vegetables. Any soil that will grow Cabbage will grow Cauliflower, as their requirements are very similar. Culture same as Cabbage, except that they need a cool and moist atmosphere, and should be watered during dry weather. As the flower heads appear, the large leaves should be broken down over them, to shield them from the sun and rain.

Early Snowball—This ranks extremely high among the early varieties; for earliness, reliability for heading, size of head, and rich, white, curdy appearance, it is deservedly very popular. Pkt., 25c; oz., \$2.25.

Extra Early Dwarf Erfurt—Valuable for forcing. A very popular variety in Europe and with eastern gardeners. First quality. Pkt., 30c; oz., \$2.50.

Extra Early Paris—Well known small variety which usually proves quite satisfactory. Have made price low this year so that all can try this excellent vegetable. Pkt., 5c; oz., 50c; $\frac{1}{4}$ lb., \$1.75.

Autumn Giant—A late variety. Vigorous grower. Large and very handsome heads. Heavy foliage. Pkt., 5c; oz., 60c; $\frac{1}{4}$ lb., \$2.00.

CRESS, OR PEPPER GRASS.

(Garten = Kresse.)

Sow thickly in very shallow drill. Cover slightly. A hardy perennial, remaining green nearly throughout the year. Is ready for use very early, and when cut young, makes a delicious salad.

Upland Cress—A very desirable substitute for Water Cress. Pkt. 10c.

Water Cress (Brunnenkresse)—Must be grown in moist places, and better in shallow, clear, running water. Pkt. 10c; oz. 35c; $\frac{1}{4}$ lb. 90c.

CELERY.

(Sellerie.)



White Plume—Stalks, portions of the inner leaves, and heart naturally white and become fit for use by simply tying it up closely with soft twine. More used than any other variety by market gardeners. Our seed is of the highest quality and sure to please all. Pkt. 5c; oz. 20c; $\frac{1}{4}$ lb. 60c; lb. \$1.75.

Golden Self-blanching—This is by far the most popular variety now on the market. It is of medium earliness, of dwarf, compact habit, with thick, solid, heavily ribbed stalks, which blanch easily to a clear waxen yellow. When grown in rich, moist soil, the stalks are numerous and large with a solid heart of beautiful yellow. The best grade seed is scarce this year. Pkt. 5c; oz. 20c; $\frac{1}{4}$ lb. 60c; lb. \$2.00.

Giant Pascal—Stalks remarkably large, thick, solid, entirely stringless, very crisp and brittle. A vigorous grow-

er and is self-blanching, clear white. Pkt. 5c; oz. 20c; $\frac{1}{4}$ lb. 60c; lb. \$2.00.

Dwarf Golden Heart—A distinct variety of sturdy dwarf habit. It is solid and an excellent keeper and of fine nutty flavor. When blanched, the heart which is large and full, is of light yellow, making it an exceedingly showy and desirable variety for either market or private use. Pkt. 5c; oz. 20c; $\frac{1}{4}$ lb. 1b. 60c; lb. \$1.75.

Pink Plume—The stalks are of clear, creamy white, shaded with a beautiful delicate pink. The foliage is white, like the White Plume, and the plants bleach naturally. It has the long keeping qualities for which red celeries are noticeable, also that sweet, nutty flavor, and the faint tint of pink makes it wonderfully attractive for table use. It has no tendency to rust and owing to its white tops matures and blanches as early as White Plume. Pkt. 10c; 2 ozs. 20c; 3 ozs. 25c.

Boston Market—Leaves dark green, stalks when blanched nearly white. Excellent quality, solid, crisp and tender. Pkt. 5c; oz. 20c; $\frac{1}{4}$ lb. 60c.

Celeriac, or Turnip Rooted Celery (Knollen Sellerie)—Large Erfurt, grown for the roots. Excellent for salad and flavoring soup and meats. Pkt. 5c; oz. 20c.

CUCUMBER.

(Gurken.)

Westerfield's Chicago Pickling—Has been grown for some years very extensively by pickle manufacturing concerns and is without doubt the best pickling Cucumber in the world, retaining its color under all conditions.

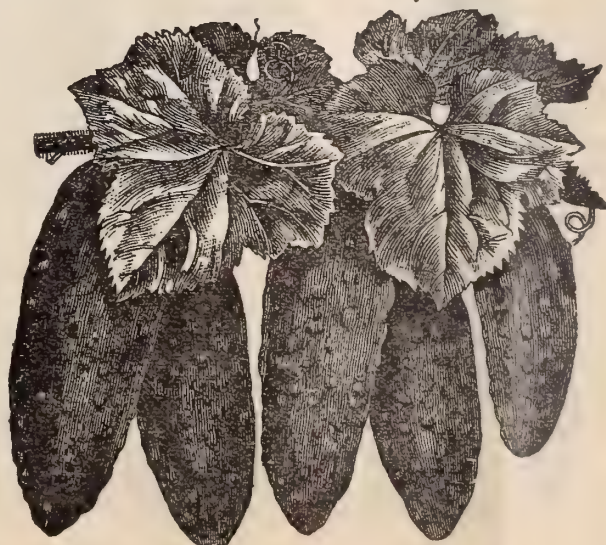
Early Cluster—Fruit short, being borne near the root. Early, hardy and vigorous.

Early Frame, or Short Green—An excellent sort both for table use and for pickling. Fruit straight, handsome, smaller at each end, bright green; flesh tender and crisp, and makes fine pickles.

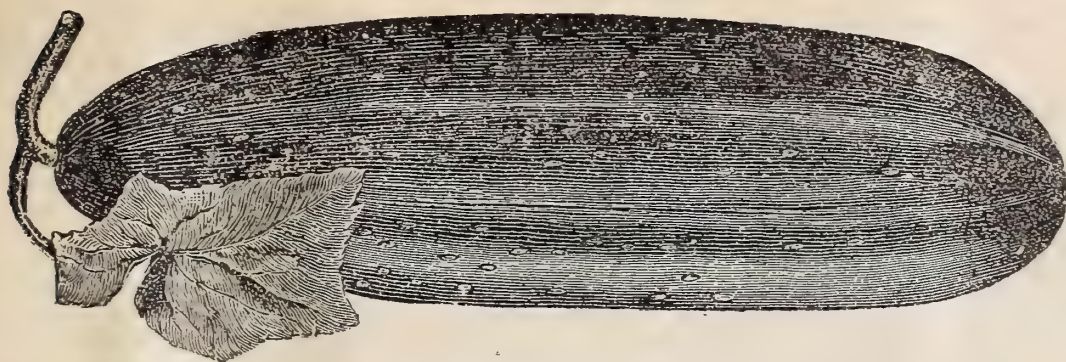
Extra Early Green Prolific Pickling—One of the best for pickling; dark green, very productive and of uniform small size; very few seeds.

Boston, or Jersey Pickling—A favorite eastern sort of fine quality, medium length; reliable variety for pickling and slicing.

Prices when not otherwise noted; Pkt. 5c; oz. 15c; 1-4 lb. 50c; lb. \$1.75, postpaid.



Chicago Pickling.



Improved Early White Spine.

so that it quickly climbs on poles or trellises in the same manner as the Pole Lima bean. It is entirely distinct. The quality is splendid. It is well adapted for pickling, as well as for slicing for salads. The great advantage of having a cucumber which can be trained on a pole or a fence will be apparent to all.

Improved Long Green—Not so abundant a bearer as the preceding sorts, though recommended to all who put up their own pickles; fruit long and slim; not surpassed in quality by any variety. This is not the ordinary Long Green, but a much superior sort, being twice as long and of better proportion.

Evergreen, or Extra Long White Spine—One of the best table sorts and splendid for forcing under glass. A fine strain, producing smooth, regular fruits, frequently twelve inches long. Smooth, round, handsomely colored, and very regular in size and form; of excellent quality.

Gherkin—Grown exclusively for fancy pickles. The fruit is oval shape and covered with prickly spines. Pkt. 5c; oz. 15c; $\frac{1}{4}$ lb. 55c; lb. \$1.75.

Nichol's Medium Green—A valuable and handsome variety, in shape between White Spine and Long Green. An excellent sort for pickles and useful for forcing. Very prolific. Fruit straight and smooth, color dark green; flesh tender and crisp.

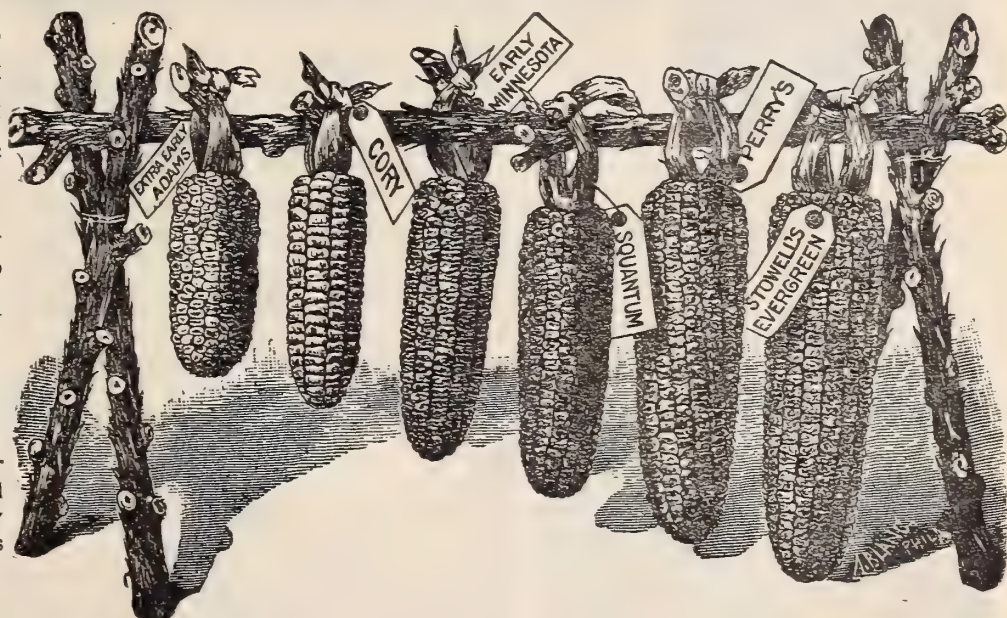
Prices when not otherwise noted; Pkt. 5c; oz. 15c; 1-4 lb. 50c; lb. \$1.75, postpaid.

The past season has been very severe on the Cucumber crop, consequently there will be a great shortage on same and prices therefore some higher than usual, but notwithstanding, we are prepared to supply our customers with fresh assured vitality stock.

SWEET CORN. (Süß Corn.)

Sweet Corn growers are reporting very short crops. We would suggest to those buying large quantities of Sweet Corn, Peas and Beans, that you get your orders in early to insure their being filled promptly.

Send the address of your friends who are interested in a good garden and they will receive a copy of this Catalogue.



EXTRA EARLY VARIETIES.

Extra Red Cob Cory—An extra early and an old market variety, fair size ears.

Early White Cory—Similar to Red Cory, but white cobs and kernals.

Extra Early Adams—Not a sweet corn, but grown largely for early market use.

Early Minnesota—Almost as early as Adams or Cory, dwarf in habit, ears white.

Crosby's Extra Early—Ears fair sized and of excellent quality.

Bonanza—As early and larger than Crosby's; a favorite with the trucker.

Shaker's Extra Early—Large, early and productive, an all-purpose sort, unsurpassed in any particular.

SECOND EARLY SORTS.

Stowell's Evergreen—This sort is perhaps more largely planted than any other variety, being old and a standard for many years; and a favorite with market gardeners and canners. It is exceptionally tender and of a rich sugary flavor, remaining in an edible condition for a long time; large ears; a grand good sort.

Country Gentleman, or Shoepeg—Is becoming very popular and well known; possesses a great many superior qualities, very deep grain, small cob, ears good size and will produce three to four to the stalk.

Prices on all the above varieties, Pt. 15c; qt. 25c., postpaid. By Express or Freight, qt. 15c; pk. \$1.00. bu. \$3.50.

Late Mammoth—The largest of all; a fine market variety.

Egyptian—A large variety, resembling the Evergreen, broad, flat grain, a genuine sweet corn.

Perry's Hybrid—A rather large growing variety, fine quality, highly prized by market gardeners and canners.

Early Mammoth Sugar—Produces very large ears, a genuine Sweet Corn.

Moore's Concord—Ears large and well filled, very sweet and fine flavored.

Black Mexican—Blue black in color and sweetest corn in cultivation.

Prices on all the above varieties: Pt., 15c; qt., 25c, postpaid.

By Express or Freight, qt., 15c; pk., \$1.00, bu., \$3.50.

Kendall's Early Giant—A valuable new early Sweet Corn. The ears grow to a tremendous size, measuring eight to ten inches long, and having ten to eighteen rows on each cob, the majority having twelve rows; kernels pure white; sweet, and tender. Pt., 15c; qt., 35c.



White Rice Pop Corn.

Pop Corn as a Profitable Product.

We would again call your attention to the enormous and growing demand for Pop Corn in a commercial way. Should be planted some distance from other corn, as it hybridizes easily. Cultivate same as other corn. Always a good source of profit, and finds ready sale. We will always buy pure White Rice, Mapledale, or Prolific or Queen's Golden at the market.

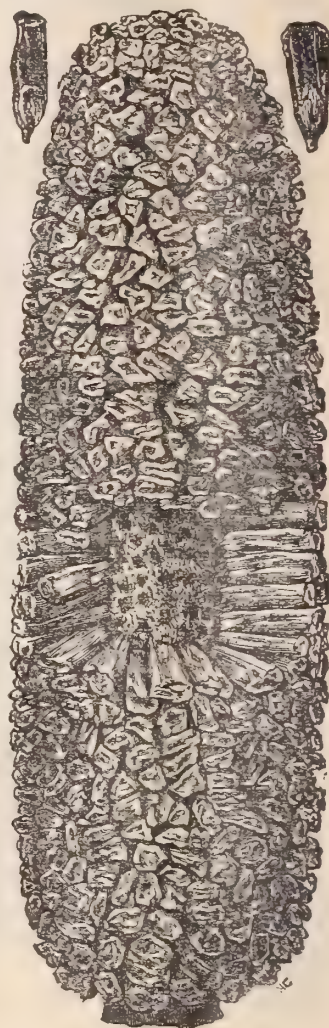
Monarch White Rice—The best white variety for all purposes and commands at all times the highest market price. Produces three to six ears to the stalk, or about 1,500 pounds to the acre. It is used largely for street popping, and we think if you will try an acre you will find it a very profitable crop.

Queen's Golden—A large eared sort. Very large when popped and exceedingly tender. Grows about six feet in height. Bears three to six ears to the stalk; making good fodder crop, besides being profitable for the grain. Next to White Rice, is the biggest seller.

New Striped Rice—A very handsome and attractive variety in Pop Corn. Color white, each kernel is striped with bright crimson. Ears good size and well filled.

Mapledale Prolific—The most productive Pop Corn in cultivation, bearing five to twelve ears to the stalk. Pops very large and tender, and is rapidly gaining favor with the trade.

Prices on any of the above varieties, postpaid: Pkt., 5c; pt., 15c; qt., 25c. Write for special prices on large quantities.



Shoe Peg.

REMEMBER WE ALWAYS GIVE YOU SOME EXTRAS.



Endive.

ENDIVE. (Binde-Salat.)

The leaves of this plant make a very delicious autumn salad. When almost full grown the outer leaves are tied together, in order to bleach the center. Should be carefully lifted late in the fall with a ball of dirt attached and placed close together in the cellar. One ounce will sow about 150 feet drill. Sow late in July for winter use.

Mammoth Green Curled—A beautiful and valuable variety. Superior to any other. Grows fifteen to twenty inches in diameter. Leaves are very crisp, tufty and full. Extremely hardy, equally suitable for spring, summer or autumn planting. Pkt., 10c; oz., 25c; ¼ lb., 70c; lb., \$2.25.

Everwhite Curled—Midrib yellow, leaves almost white, large size. A very sightly variety. Pkt., 5c; oz., 15c; ¼ lb., 35c; lb., \$1.25.

Green Curled—The well known sort. Dark green curled leaves, tender and of good flavor. Pkt., 5c; oz., 15c; ¼ lb., 35c; lb., \$1.25.

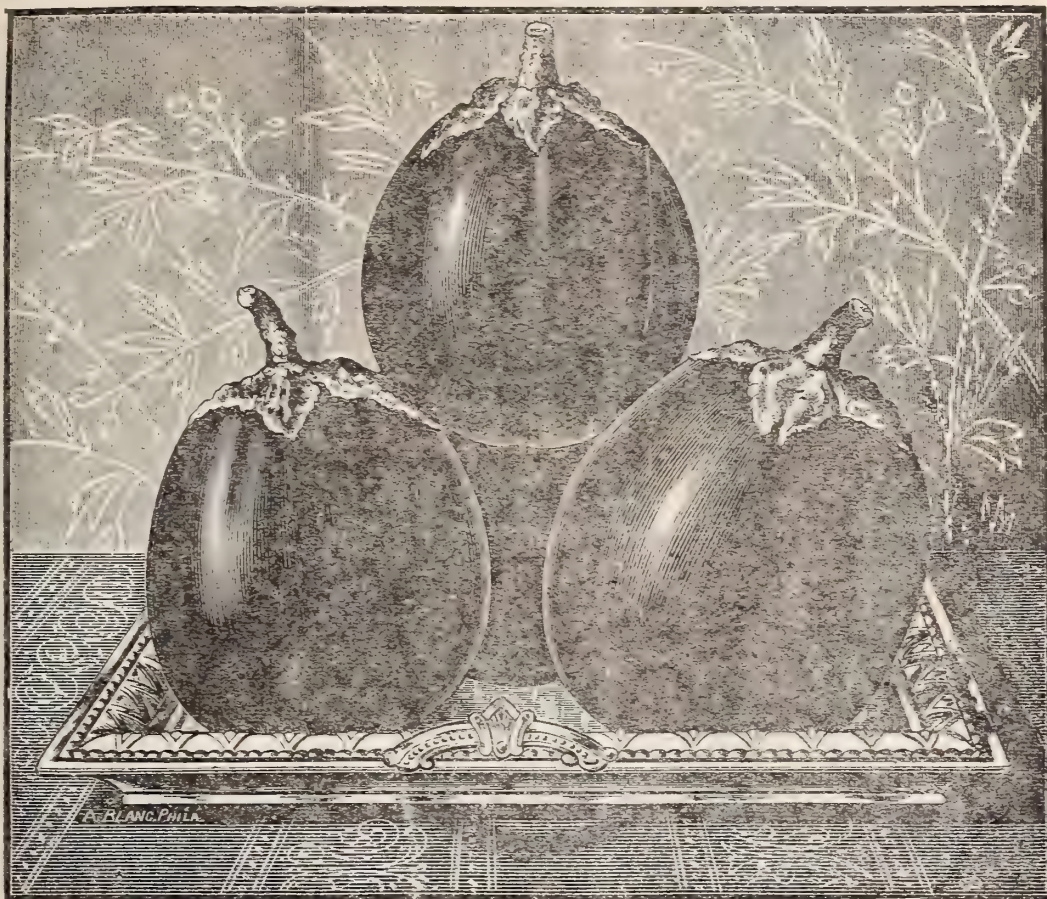
GARLIC. (Knoblauch.)

The sets should be planted early in the spring. Cultivate same as Onions. Sets, per ¼ lb., 15c; lb., 40c; postpaid; by express, lb., 30c; 10 lbs. and over, 25c per lb.

EGG PLANT. (Eier-Pflanze.)

Seeds should be sown in hot-beds in March or early April. Transplanted about June 1st, two and a half or three feet in the row. The plants are large and vigorous; leaves large and of a light green shade. Requires a rich deep soil, and will thrive best in a damp shaded spot. Fruit large and oval. Flesh white and tender.

New York Improved—A large purple fruit, early, oval shape, and of a fine quality, never becoming red or yellow. The most showy as well as the best seller of all varieties. Pkt., 5c; oz., 25c; $\frac{1}{4}$ lb., 65c; 1b., \$2.50, postpaid.



New Jersey Improved Large Purple Smooth Stem—In the great markets of New York and the North the finest Egg Plants seen are those produced in New Jersey, whose growers have, by long experience, attained remarkable skill in bringing this plant to the greatest perfection. The New Jersey Improved is a decided improvement on the New York Large Purple in quality, size and great beauty. The plants are large and vigorous; leaves of a light green shade; fruit early, very large oval, and of a fine deep purple, never red or yellow; flesh white, tender and of a superior quality. A sure cropper. By far the very best in cultivation. Pkt., 10c; oz., 35c; $\frac{1}{4}$ lb., \$1.00; 1b., \$3.00.

Improved New York Egg Plant.

KOHL-RABI. (Kohlrabi.)

A very curious vegetable. Belongs to the Cabbage family. Somewhat partakes of the flavor of Cabbage and Turnip combined. Flesh very delicate and delicious. Cultivate similar to Cabbage, taking care not to place the plants deeper than they stood in the hot-bed. Has a Turnip-like swelling of the stems above the ground. When young very appetizing and pleasant.

Early White Vienna—Small bulb. Early. Flesh white and very tender. Pkt., 5c; oz., 15c; $\frac{1}{4}$ lb., 45c; 1b., \$1.25.

New Smooth Purple—Short leaves. Similar to White Vienna, except in color, being a very rich purple. Pkt., 10c; oz., 35c; $\frac{1}{4}$ lb., \$1.00, prepaid.



Kohl-Rabi.

Sow from the middle of April to the beginning of May in prepared beds; transplant in June, and treat in the same manner as for Cabbage. Of all the Cabbage tribe, this is the most tender and delicate, and would be much more extensively grown than it is if its excellent qualities were generally known. The varieties are all extremely hardy, and are best when touched by frost.

Dwarf German Purple, or Brown Curled—Esteemed by all Germans, very hardy, and of fine quality; so handsome that it is frequently grown for ornament. Pkt., 5c; oz., 10c; $\frac{1}{4}$ lb., 25c.

Dwarf Green Curled Scotch—Rarely exceeding 18 inches in height, but spreading out under good cultivation to three feet in diameter; leaves beautifully curled and bright green. Pkt., 5c; oz., 10c; $\frac{1}{4}$ lb., 30c; 1b., 80c.

KALE, OR BORECOLE.

(Kraus = Kohl.)

LEEK. (Lauch.)

Leeks are quite appetizing when sliced and served as a salad, or they can be cooked and served like Onions. The plants are very hardy and the flavor improves with freezing. Sow seeds thinly in drills early in the spring; thin out or transplant so as to stand six inches apart in the row. Keep well hoed and free from weeds during summer, and early in the fall draw earth up about the stems in the same manner as you would to blanch Celery.

Large American Flag—Large, hardy and of excellent quality. Pkt., 5c; oz., 15c; $\frac{1}{4}$ lb., 40c; 1b., \$1.50.

Giant Carentan—The favorite market variety, large thick stem, of mild flavor and attractive appearance. Pkt., 5c; oz., 15c; $\frac{1}{4}$ lb., 40c; 1b., \$1.50.

We make a specialty of Onion Sets. Write for prices on bushel and large lots.

LETTUCE.

(Salat = Sorten.)

One ounce will sow 100 feet of drill. Wherever you find a garden you will find Lettuce, possibly more universally used than any other vegetable, especially in the spring. Served in various ways, and to be thoroughly appreciated should be fresh and crisp. Will thrive in ordinary garden soil, but should be of rapid and vigorous growth. Sow in hot-bed early, transplanting to open ground eleven or twelve inches apart. Sowings at short intervals should be made to secure good Lettuce during the season.

Prices, unless otherwise noted, postpaid: Pkt., 5c; oz., 10c; $\frac{1}{4}$ lb., 25c; lb., 75c. Pkt. any five varieties, 20c.

Early Curled Simpson—A good forcing sort. White seeded. Resembles Black Seeded Simpson. Early, and an old favorite with all.

Black Seeded Simpson—An old standard, used largely for forcing and for early and late out-door culture. Stands heat and drouth well. Leaves large, thin and very tender, of a light green color, slightly curled. A fine sort for all seasons and all purposes.

Early Curled Silesia—The old favorite; of dwarf, compact habit and quick growth, crisp golden leaves with finely curled edges.

Improved Hanson—Forms very large, firm heads, resembling Cabbage, which are deliciously sweet, crisp and tender; heads green outside and white within; for out-door culture unexcelled. It is one of the best heat-resisting sorts.

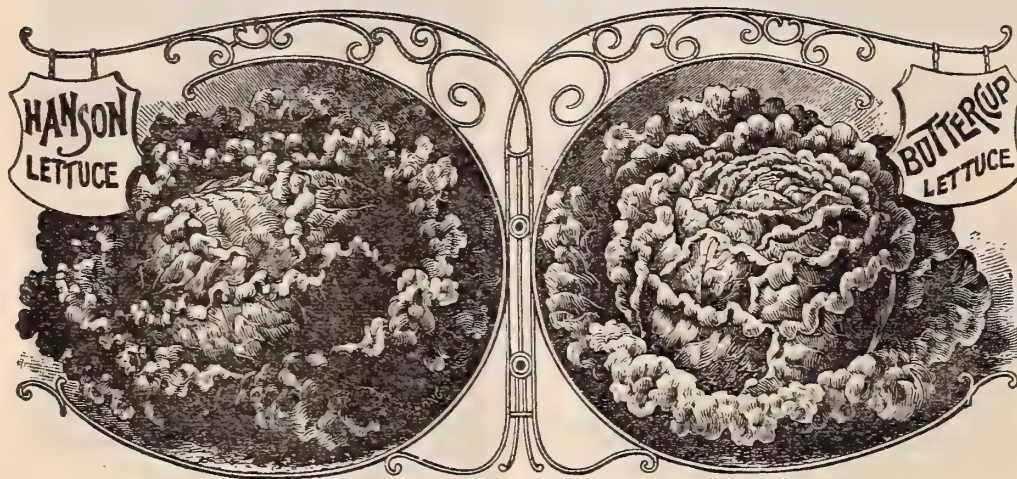
White Summer Cabbage—A head Lettuce of remarkable quality. Forming a solid, fine head of good size, and will withstand heat and drouth, making it a good late variety.

Boston Market—This variety can be planted so close as to make it well adapted for glass culture, grows very compact and forms fair-sized heads slightly tinged with red on the edges of the leaves. It is also one of the best varieties for out-door culture. Pkt., 5c; oz., 15c; $\frac{1}{4}$ lb., 35c; lb., \$1.10, postpaid.

Grand Rapids—A forcing variety of superior quality and beautiful appearance, strong grower, free from rot, and keeps crisp and tender without wilting when exposed for sale longer than any other forcing Lettuce. It is also a desirable variety for sowing in open ground. Pkt., 5c; oz., 15c; $\frac{1}{4}$ lb., 40c; lb., \$1.20.



Early Curled Simpson.



Prize Head—Very tender leaves of dark reddish brown color, variegated with dark green. Heads large and of good flavor. We sell more of this than any other brown leaved variety; always satisfactory.

Denver Market—Used either for forcing or open ground. An early variety, forming heads which are solid and of beautiful light green color, curled somewhat like Savoy Cabbage, and always crisp and tender.

Golden Ball Buttercup—An imported variety, being distinct from all others. Of a golden yellow, retaining its color throughout the season. Attractive in appearance and very sweet and tender.

New Trianon Cos—The finest of all the Cos sorts. Leaves when bleached are stiff like Celery stalks.

CORN SALAD. (Uder=Salat.)

Corn Salad, also called Fetticus or Lamb's Lettuce. A small, refreshing salad, used as a substitute for Lettuce during the winter and spring months. It may be sown very early in the spring, when it will be ready for use in five or six weeks. It is usually sown in the fall and protected during the winter with a covering of straw or leaves. Pkt., 5c; oz., 10c; $\frac{1}{4}$ lb., 25c; lb., 60c.

Judging from all reports there will be a great shortage in a number of varieties of Seeds, such as Sweet Corn, Cucumber, Beans, Water Melon, Musk Melon, Squash, Pumpkin and Tomatoes, and prices will be a great deal higher than usual; we would therefore advise you to place your orders early, as you will save money by doing so.

WRITE FOR PRICES ON BULBS, ROSES AND PLANTS FOR SPRING AND SUMMER FLOWERS.

Try our Mixed Lawn Grass. Per lb. in 1 lb. cartons, 25c; per bushel of 20 lbs. in bulk, \$3.50.

For club orders of \$5.00 we offer as a premium \$1.50 worth of Seeds in packets, or ounces.

MUSKMELONS. (Muskat = Melonen.)

Chicago Market—Fruit large, round or slightly oval with very shallow depressions and covered with dense netting. Flesh green, medium texture, very thick and sweet. The variety is an improvement on Montreal and will suit those who like a large, sweet, green fleshed sort.

Extra Early Hackensack—Ripens fully ten days ahead of the old Hackensack, which it much resembles. A good shipper. Fruit large, round and deeply netted. Where an extra early Melon is required, it is very desirable.

Montreal Market—This fruit is nearly round, flattened at the ends, deeply and very regularly ribbed; skin green, deeply netted; flesh remarkably thick, light green, melting, and of a delicious flavor. They are very regular in shape, and uniformly grown to a very large size. To all who desire to raise the handsomest melon possible for exhibition, or extra large fine melons for market, we highly recommend the Montreal Market.

Improved Green Nutmeg—This is perhaps the greatest general crop Melon on the market. Flesh light green and beyond question the surest cropper and most productive sort in cultivation.

Baltimore, or Acme—This is the favorite melon in Baltimore markets, and is also known and highly esteemed by market men in New York and Philadelphia. It is early, oblong in shape; flesh green and very fine.

Bay View—Early, vigorous and productive; attains a large size, often weighing 12 to 15 pounds; flesh green and fine flavored; fruit long. Recommended for market gardeners.

Paul Rose, or Petoskey—This new Melon is a cross between Osage and Netted Gem, combining the sweetness of the former and the netting of the latter. Is a salmon fleshed, small sized Melon, and surpasses all others as a shipper and long keeper. It has thick flesh and small seed cavity, and is bound to rank first as a market gardeners' favorite. Do not fail to buy some seed and give it a trial.

Grand Rapids—Earliest Muskmelon in the world. Ten days earlier than the Extra Early Hackensack, or any other known variety. Not only the earliest, but one of the largest, while in shape and appearance it is the handsomest Melon ever offered the American Melon grower. This variety originated at Grand Rapids, Mich. In that city this variety has been on the market two weeks earlier than any other sort, and sold readily at \$2.50 per dozen to hotels and grocers. It is bound to supersede all other early Melons.

The Patterson Melon—A Muskmelon of very superior qualities, originating in our immediate vicinity. Our stock (which is limited) is direct from the grower and originator of this splendid Melon. It is of the Jenny Lind type, possessing all the excellent qualities of the Jenny Lind. Earlier and of better size. We have watched the development of this Melon for four seasons, and do not hesitate to recommend it to the market gardener and shipper as being the sweetest and most productive of all extra early Melons. A sure winner and will always please the customer. Pkt., 10c; oz., 20c; $\frac{1}{4}$ lb., 60c.

Rocky Ford—This new variety has everywhere been in great demand by the high class hotels and restaurants. Hundreds of carloads of them have been shipped from the little town of Rocky Ford, Colorado, to Chicago, St. Louis, New Orleans, Philadelphia, Newport, Boston and other cities, driving out the home grown. The Melons are of just the right size for table use, slightly oval in shape. The flesh is thick, of a light green color, and a fine, juicy, luscious flavor. It is very early, and is wonderfully productive. Pkt., 10c; oz., 20c; $\frac{1}{4}$ lb., 45c; 1 lb., \$1.50.

Emerald Gem—This is one of the most delicious little Melons that we have ever eaten. The flesh is thick, of a suffused salmon color, almost red, and ripens thoroughly to the extremely thin, green rind. It is peculiarly crystalline in appearance, juicy and rich. The flavor is sweet and luscious beyond description. Rather small for marketing, but very nice for home use.

Champion Market—Globular in shape. Very heavily netted, growing to a good size. Average about five pounds. A second early variety and very popular, because of their fine flavor and from the fact that they resist sunburn extremely well. It is especially desirable as a shipper and for the home garden.

Osage, or Miller's Cream—Ranks high as a market Melon, either for home or shipping. The flesh is of a rich salmon color, very sweet and melting, and is so thick that the Melon is almost solid, the seed cavity being remarkably small. A strong grower and very productive, and covers the ground with beautiful solid fruit. This Melon is undoubtedly one of the best flavored and most profitable for market or private garden.

Prices, unless otherwise noted, postpaid: Pkt., 5c; oz., 10c; 1-4 lb., 35c; lb., \$1.25.

When ordering by express or freight, deduct 15c per lb. from above price.



Chicago Market Nutmeg Melon



Rocky Ford Muskmelon

WATERMELONS.

(Waffer = Melonen.)

Never plant Watermelons on hard, poor soil. It requires a sunny, light mellow soil, made very rich with well-rotted compost. Prepare the ground by deep cultivation and plant in hills eight to ten feet each way. Hoe often. Culture similar to Muskmelon, somewhat harder and more vigorous, and may be planted earlier. The largest Melons are obtained by pinching back the vines and removing all but a very few when small.

Kolb Gem—Originated in Alabama, and more largely grown in the south than any other melon; as a shipping variety has no superior; rind dark green, mottled; shape nearly round; quality superb.

Kleckley's Sweet—Large oblong Melon, 20 inches in length, by 10 to 12 inches in diameter. The skin is dark green, flesh bright scarlet, the rind only about one-half inch in thickness. The scarlet flesh is sweet and sugary and is of such texture that it leaves no strings of pulp whatever in eating. The Melon is better for home use than for shipping, and we believe it is the best table Melon today. Monte Christo is very much like it.

Phinney's Early—Very early. Medium in size. Flesh deep red and very sweet. Rind thin. A very productive variety.

Sweet Heart—A splendid shipper. Early, large, oval; light green. Rind thin, but firm. Flesh bright red, sweet, very tender, firm and solid. Very productive.

Mountain Sweet—A large variety. Oblong in shape. Flesh red, long and of good size. Striped light green, thin rind. Flesh deep scarlet and deliciously sweet and a good shipper. Best for garden culture.

Dark Icing—Oblong in shape. Rind dark green. White seeded. Flesh dark red and of a fine flavor. Extremely prolific and of good size.

Ice Cream or Peerless—The old but extremely popular home market Melon. There is none better, nor a more handsome Melon grown. It is medium in size, almost round; the skin a pale green, slightly mottled; flesh bright scarlet, fine grained, solid to the center, sweet, crisp and melting. Its delicious flavor entitles it to the name of Peerless.

Florida Favorite—A very large, long Melon, mottled dark green, with stripes of lighter shade. Rind thin but firm; flesh very bright, deep red; very sweet, tender and excellent. A very popular variety in the south.

Pride of Georgia—Striped light and dark green. Oval in shape. Flesh bright red and sweet. An excellent shipper. Of good size.

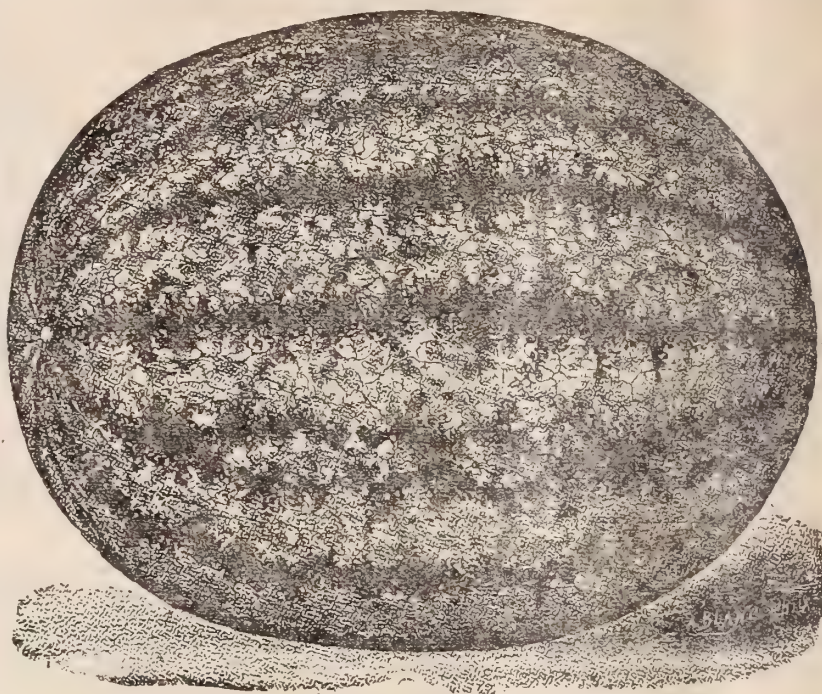
Gypsy, or Georgia Rattlesnake—One of the largest varieties, and stands shipment long distances. Fruit cylindrical, square at the ends, smooth, distinctly striped and mottled light and dark green. Flesh bright scarlet and very sweet.

Triumph—It is a cross between Duke Jones and Kolb's Gem. It has the handsome appearance of the former and the shipping qualities of the Gem; very early, very prolific, deliciously sweet, and of enormous size. It possesses all of the qualities that go to make up a desirable Melon.

Cole's Early—Very hardy, a sure cropper, and extremely delicate in texture of flesh, which is of a dark red color; rind is thin and extremely brittle, hence not desirable for shipping purposes, but possessing all the other most desirable features. We highly recommend it for home use. Medium size, nearly round; rind green, striped with lighter shades.

McIver's Wonderful Sugar Melon—THE SWEETEST MELON GROWN. Without a single exception this is the sweetest Watermelon of all. The Melons attain a great weight, are of a very handsome appearance, never crack or lose their fine flavor in the wettest season. It is a very productive and hardy variety, and one that will take the lead wherever known.

Improved Long Dixie—A popular market sort. Vine vigorous, large growing and hardy; fruit medium sized to large, about one-third longer than thick. Color of skin dark green, striped with a lighter shade; rind thin but tough; flesh bright scarlet, ripens closely to the rind, is of the best quality and free from the hard, coarse center which is so objectionable a feature of many shipping Melons.



Kolb's Gem.



Seminole—This Melon has the peculiar distinction of being of two distinct colors, gray and light green; Melons of both colors are exactly alike in shape, size, color of seed and all other points except color of skin; it is oblong, large, enormously productive, and of very superior quality.

Cuban Queen—One of the best for shipping; a good keeper, grows to enormous size, and is very productive; rind very handsomely marked, light and dark green; flesh bright red, very solid, crisp and sugary; shape oblong.

Hoosier King—A Melon with exceptional qualities. The Melons grow oblong and are of an even diameter through their entire length. The flesh is brilliant red, very solid, sweet and luscious. The skin is striped dark green; the rind is very thin, but exceedingly hard, which renders it a valuable shipping sort, as well as a desirable variety for family and market purposes.

Duke Jones—A new Melon which has attained great popularity, and given universal satisfaction whenever tried. Grows to immense size.

Jones Jumbo—Color of skin is solid green, flesh very bright red. Particularly sweet and juicy. Attains an immense size, often weighing eighty pounds. A good shipper.

STANDARD SORTS.

BLACK SPANISH.
BLACK DIAMOND.
BLUE GEM.

ALABAMA SWEET.
LIGHT ICING, or GRAY MONARCH.
SCALEY BARK.
CITRON RED SEEDED.

KENTUCKY WONDER.
EARLY FORD HOOK.
MAMMOTH IRONCLAD.

Prices, when not otherwise noted: Pkt., 5c; oz., 10c; 1-4 lb., 25c; lb., 70c, postpaid.

OUR SPECIALTY: FINE SOUTHERN GROWN MELON SEED.

MUSHROOMS. (*Champignon Schwamm*.)

MUSHROOMS may be grown successfully and profitably during the winter and spring months in cellars or under benches of greenhouses, wherever the temperature of 50 to 60 degrees can be maintained. The bed should be made from November to February, according to the time the Mushrooms are wanted, and it requires about two months for them to begin bearing. Prepare the bed by taking fresh, loose manure, free from straw or litter, and mix an equal bulk of loam from an old pasture. Keep this under cover, taking care to turn daily to prevent heating. When the compost is rid of the heat, make your bed eight or ten inches deep, pressed solidly. When the temperature is about 90 degrees, plant pieces of spawn the size of a walnut in holes two to three inches apart each way. Cover the holes pressing the dirt solidly over the spawn. In about ten days cover the whole bed with two inches of fresh loam. Protect with three or four inches of straw. Examine the bed often, so that it will not become dry. Should water be necessary, sprinkle with warm water, temperature about 100 degrees.

English Spawn, in bricks, per lb., 20c; 10 lbs., \$1.50; by mail add 10c per lb.

MUSTARD. (*Genf*.)

Sow ten pounds to the acre. For salad and greens sow broadcast early in the spring. The seeds are also used for flavoring pickles, pepper sauce, etc.

Yellow or White—Pkt., 5c; oz., 10c; $\frac{1}{4}$ lb., 15c; lb., 40c.

Brown or Black—Pkt., 5c; oz., 10c; $\frac{1}{4}$ lb., 15c; lb., 40c.

Southern or Chinese Curled—Especially desirable for the market gardener and is fit for use much longer than other varieties. Pkt., 5c; oz., 10c; $\frac{1}{4}$ lb., 20c; lb., 65c.

OKRA, OR GUMBO.

A very delicious vegetable. The young green pods make a healthful and nutritious soup; when pickled, are a fine salad. Easily grown. Sow after settled weather in rows three feet apart. Thin to ten inches in rows.

White Velvet—Round, smooth pods. Very prolific, bearing about twenty pods to the stalk. Very desirable for any purpose for which Okra is used. Pkt., 5c; oz., 10c; $\frac{1}{4}$ lb., 25c; lb., 90c.

Long Green, or Mammoth Long Pod—A distinct variety used by market gardeners. Pods green in color and of usual length; largely used by canners for winter use. Pkt., 5c; oz., 10c; $\frac{1}{4}$ lb., 25c; lb., 90c; postpaid.

Judging from all reports there will be a great shortage in a number of varieties of Seeds, such as Sweet Corn, Cucumber, Beans, Water Melon, Musk Melon, Squash, Pumpkin and Tomatoes, and prices will be a great deal higher than usual; we would therefore advise you to place your orders early, as you will save money by doing so.

Merchants not receiving our wholesale price card of Field Seeds, Grass Seeds, Onion Sets, etc., are requested to write for same. We give you prompt service and save you freights.

WRITE FOR PRICES ON BULBS, ROSES AND PLANTS FOR SPRING AND SUMMER FLOWERS.

Try our Mixed Lawn Grass. Per lb. in 1 lb. cartons, 25c; per bushel of 20 lbs. in bulk, \$3.50.

We make a specialty of Tomato Seed for Canners. Write for prices on large quantities.

We are headquarters for Bee Supplies, and are able to furnish anything in that line. Write for prices.

We make a specialty of Onion Sets. Write for special prices on bushel and large lots.

For club orders of \$5.00 we offer as a premium \$1.50 worth of Seeds in packets, or ounces.

ONIONS. (Zwiebel.)

Sow the seed early in April or as soon as the ground can be worked. One ounce will sow 100 feet of drill. Four pounds to the acre, drills fourteen inches apart. Cover $\frac{3}{4}$ of an inch. Commence hoeing as soon as the fine, grass-like stems can be seen. Simply skim over the surface and avoid stirring deeply, rather work the soil away from the bulbs. Keep free from weeds. When the tops become dry and dead, pull and spread over the ground for a few days until fully dried. Cut tops half an inch from bulbs.

For sowing Onion seed and cultivating the crop, we recommend that you have a good drill and a hand cultivator. For pickles or sets, sow the seed very thickly and in broad drills, about fifty pounds to the acre for sets, and twenty pounds for pickles.



ONIONS

Extra Early Red—Flat in shape. Light red in color. The earliest of all red Onions. Pkt., 5c; oz., 15c; $\frac{1}{4}$ lb., 35c; lb., \$1.10, postpaid.

Large Red Wethersfield—The old standard variety so largely grown for commercial purposes. A magnificent keeper and an enormous yielder. Color, a dark purplish red. Our strain of this variety is grown from well selected bulbs by one of the most reliable growers in the country, and is being grown successfully and profitable. Pkt., 5c; oz., 15c; $\frac{1}{4}$ lb., 35c; lb., \$1.20, postpaid. By express, 5 lb. lots, \$1.00.

Flat Yellow Danvers—A fine keeper. Flesh fine. Flattened in shape, a big cropper. Pkt., 5c; oz., 10c; $\frac{1}{4}$ lb., 30c; lb., \$1.10, postpaid. By express, 5 lb. lots and over, 75c.

Yellow Globe Danvers—A very handsome, round American variety of large size. Very fine and mild. An excellent keeper. Pkt., 5c; oz., 10c; $\frac{1}{4}$ lb., 30c; lb., \$1.10, postpaid. By express, 5 to 10 lb. lots and over, 90c.

Southport Large Red Globe—Perfectly globe-shaped, somewhat late in maturing, making it a good keeper. Of great popularity in the large markets. Pkt., 5c; oz., 15c; $\frac{1}{4}$ lb., 50c; lb., \$1.75. By express, 5 lb. lots and over, per lb., \$1.50.

Southport White Globe—A large globe-shaped sort, white skinned, handsome and a good keeper. A variety growing in favor. Pkt., 5c; oz., 15c; $\frac{1}{4}$ lb., 50c; lb., \$1.75, postpaid.

White Portugal or Silver Skin—Another white variety used by market gardeners; also used for growing sets and pickling. Pkt., 5c; oz., 20c; $\frac{1}{4}$ lb., 60c; lb., \$2.00.

Extra Early White Pearl—The earliest of all white varieties; medium in size, very mild and pleasant. Pkt., 5c; oz., 15c; $\frac{1}{4}$ lb., 50c; lb., \$1.85.

Mammoth Silver King, or White Garganus—An Italian variety, remarkably early and of enormous size, single bulb weighing from two to three pounds. Flat in shape and very delicate flavor. Pkt., 5c; oz., 15c; $\frac{1}{4}$ lb., 50c; lb., \$1.75.

Copper King, or Mammoth Pompeii—The largest of all red varieties. A beautiful red in color and of unusually fine flavor and texture. Very fine for show purposes and a good seller, but should be marketed early. Pkt., 5c; oz., 15c; $\frac{1}{4}$ lb., 50c; lb., \$1.75.

Spanish King, or Prize Taker—This is beyond question the handsomest Onion grown. Yellow or straw color, flesh white, of enormous size, in many cases weighing from three to three and a half pounds. Very hardy and a good keeper. Flavor sweet, very mild and tender. It is fast becoming one of the most popular of the yellow Onions, and growers agree in pronouncing it the most popular yellow variety they have ever grown. The seed we offer is a very superior quality and comes from a reliable and trustworthy grower. Pkt., 5c; oz., 15c; $\frac{1}{4}$ lb., 50c; lb., \$1.75.

Giant Gibraltar—An imported Onion of immense size. Under special cultivation it has been grown to a weight of four pounds and over. They rival the large Spanish Onion in size, and like these are remarkably mild and sweet. They are globe shaped and straw colored. Pkt., 5c; oz., 30c.

We meet any reliable competition on Onion Seed. Write for prices on large quantities. Our aim is to supply you with Seed unsurpassed for purity and excellence.

WE PAY THE POSTAGE. Please remember that the prices given for Onion Seed are postpaid, therefore there will be no further expense attached to receiving it. Also kindly bear in mind that our seeds are all of the highest germination, and, having been grown from selected bulbs, are absolutely pure. Buyers of large quantities should write for estimate on the quantity of seed they need.

WE ARE SPRINGFIELD AGENTS FOR PLANET JR. GARDEN TOOLS. WRITE FOR CATALOGUE.

Earliest Australian Brown Onion—This is the earliest Onion grown and will sell at a fancy price in the market during the latter part of July and early part of August, but its tremendous merits come into full play as a keeping Onion. We have, at the time of writing (Sept. 10), magnificent specimens of this Onion that have kept in the ordinary way since harvesting a year ago. Indeed, there is no Onion that we know of that will beat this for keeping qualities, for fine appearance, for ready sale, for a good eater and a longer keeper. We urge everybody to give this greatest of all long keeping Onions a trial. Please note the extremely low prices that we are offering same this year.

When we first offered this Onion, we little thought that it would leap at one bound into popularity; that it would so quickly capture the hearts of all planters, of all gardeners, of all farmers and citizens; but it has done it at a bound, and today not a wide-awake gardener or farmer will get along without it, and there is reason for this; yes, they are manifold. Price: Pkt., 5c; oz., 15c; $\frac{1}{4}$ lb., 35c; lb., \$1.10.

Beaulieu's Hardy White Onion—This extraordinary Onion originated with Mr. H. Beaulieu, Woodhaven, N. Y. It is certainly the earliest Onion grown. It is especially adapted for fall planting. Stands the test of winter in all cases. Coming in two weeks before sets planted in early spring. The earliest and hardiest white Onion on the market today. Pkt., 10c; oz., 35c; lb., \$4.50.

SETS—PERENNIAL VARIETIES.

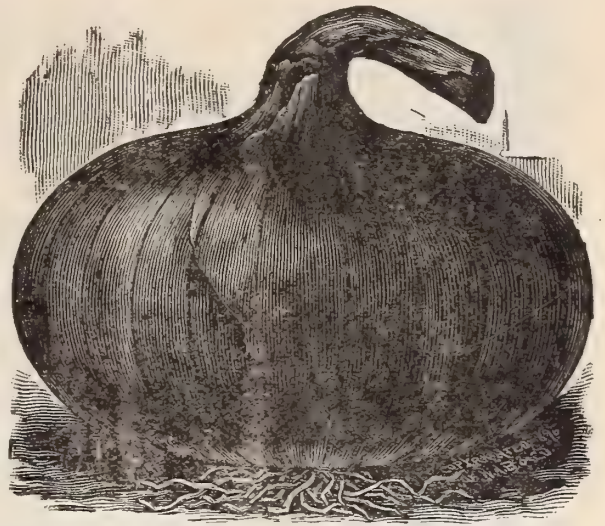
Egyptian, or Perennial Tree—In this we have an entirely distinct variety of Onions. Differs from all others in that when once set out, without the slightest protection, it will come up year after year

as soon as the frost is out of the ground. Grows rapidly and is ready for market three to four weeks earlier than Onions grown from bottom sets. It never forms a very large bulb, is immensely productive, increasing from sets produced on top of the stalks. Especially adapted for growing green Onions in early spring. Should be planted in the fall. Pint, 20c; qt., 35c, postpaid.

White Multiplier—Plant in fall for early bunching purposes. Medium in size and produces bulbs from the sides. Pint, 20c; qt., 35c.

Potato Onion—Produces large bulbs and often as many as twenty small bulbs in a cluster from a single bulb planted. Excellent quality and size for bunching green. A good keeper, very early. Should be planted in fall. Color pale red. Qt., 30c, postpaid.

White Shallots—Bulbs large and a silvery white color, but never round. Produce small bulbs on the sides. Very desirable variety for early bunching. Qt., 30c, postpaid.



Australian Brown.



Beaulieu's Hardy White Onion.

ONION SETS—White Bottom Sets, quart, postpaid, 25c. Yellow Bottom Sets, quart, postpaid, 25c. Red Bottom Sets, quart, postpaid, 25c.

CHIVES. (Schnittlauch.)

We cannot too strongly recommend the growing of a few dozen Chives; when once planted they live forever. A few plants taken in the house and placed in the cellar during winter will, as soon as brought to light, sprout and bear an abundance of greens for salads, of strong onion flavor. Per bunch, 25c, by mail, postpaid.

PARSLEY. (Peterfilie.)

One ounce will sow 100 feet of drill. Hardy and easily grown. Very fine for garnishing, as well as useful in flavoring soups, etc. Soak seed for several hours and sow in rows, and if to be carried late into the fall set eight inches both ways. Will go through the winter with moderate protection.

Double Curled—An excellent variety for garnishing meats. Pkt., 5c; oz., 10c; $\frac{1}{4}$ lb., 20c; lb., 65c.

Champion Moss Curled—Leaves beautifully curled and mossy. Pkt., 5c; oz., 10c; $\frac{1}{4}$ lb., 20c; lb., 65c.

Turnip Rooted, or German Parsley—A fleshy-rooted variety. Roots used for flavoring soups, etc. Pkt., 5c.



Hollow Crown Parsnip.

PARSNIPS. (Pastinake.)

One ounce will sow about two hundred feet of drill. Five pounds, one acre. The value of the Parsnip as a vegetable is well known, but as a stock food, not so well known. It is by far more nutritious than Carrots or Turnips, and in some sections is rapidly gaining favor as an economical farm product, of great value, especially for dairy stock. Cultivation is similar to Carrots, and it is growing customary to leave Parsnips in the ground over winter, as frost improves the flavor.

Large Sugar, or Hollow Crown—Deriving its name from a slight depression on the top or crown of the root. Roots are comparatively short with a small top. Root grown mostly below the surface, and has a clean, smooth skin. Pkt., 5c; oz., 10c; $\frac{1}{4}$ lb., 20c; lb., 50c.

Long White Smooth—A long white root, very smooth, tender and sweet. Very hardy and a good winter keeper. Will stand the winter without protection. Pkt., 5c; oz., 10c; $\frac{1}{4}$ lb., 20c; lb., 55c.

Half Long Short Round—Extra Early, rather small; very valuable for bunching. Pkt., 5c; oz., 10c; $\frac{1}{4}$ lb., 20c; lb., 50c.

PEPPER. (Pfeffer.)

Pepper should be sown in hot-beds or cold frame, and transplanted about the last of May. Can be sown in the open ground when the weather becomes settled. Well fertilized, warm, mellow soil is best adapted for the culture of Peppers. Frequent applications of liquid manure should be given to get the best results.

Ruby King—Grows four to six inches in length, three to four inches in diameter. Color a bright red; very mild in flavor, used largely for stuffed pickles. Pkt., 5c; oz., 20c; $\frac{1}{4}$ lb., 65c.

Large Bell, or Bull Nose—An old standard variety, used for chopped pickles. Pkt., 5c; oz., 20c; $\frac{1}{4}$ lb., 65c.

Procopps Giant—Fruit very large, about six inches in length; color a glossy scarlet; very fine. Pkt., 5c; oz., 25c; $\frac{1}{4}$ lb., 75c.



Golden Dawn—Very ornamental and productive. Sweet and mild in flavor. Pkt., 5c; oz., 25c; $\frac{1}{4}$ lb., 65c.

Red Cluster—Small and grown in bunches on top of stalk; hot and pungent. Very popular variety. Pkt. 5c; oz. 25c.

Cayenne Long Red—Cone-shaped red pods. Very hot and used largely for sauces and pickles. Pkt., 5c; oz., 25c.

Small Cayenne—Red Hot. Used for bottled Pepper sauce. Pkt., 5c; oz., 25c.

Celestial—A striking oddity. A very beautiful plant—variegated. Fruit, when fully matured, a bright scarlet. Pkt., 5c; oz., 25c.

Sweet Mountain, or Mammoth—Similar to the Bull Nose, but larger and milder in flavor. For stuffed pickles, "Mangoes," 6 to 7 inches. Pkt. 5c; $\frac{1}{2}$ oz. 15c; oz. 25c.



Peanuts.

PEANUTS.

Early Virginia Peanuts—This variety is the most profitable to grow and is more desirable than the common kind. Easily cultivated, very erect stems and upright foliage, large pods and kernels. Pkt., 5c; pt., 10c; qt., 15c., postpaid.

New Spanish—The earliest variety grown. Pods are small but remarkably solid and well filled and the yield per acre very large. Can be cultivated with the plow. Plant two inches deep, 12 inches in the row. Pkt. 5c; pt. 10c; qt. 15c; postpaid.

CHUFAS, or EARTH ALMOND.

A nice little ground nut which is greatly liked by the children. In sweetness and flavor they resemble the coconut or almond and are considered very nice put on the table in a fruit dish with candies, and as an after dinner relish. Very prolific, a single one yielding from two to four hundred. The nuts grow under ground, very near the surface, easily reached by pigs and poultry, and destroyed by them if they have free access. Plant in April, ten inches apart in two and one-half foot rows. Cover them lightly. If the seed is very dry, soak them well before planting. Pkt., 5c; oz., 10; $\frac{1}{4}$ lb., 20c; lb., 50c.

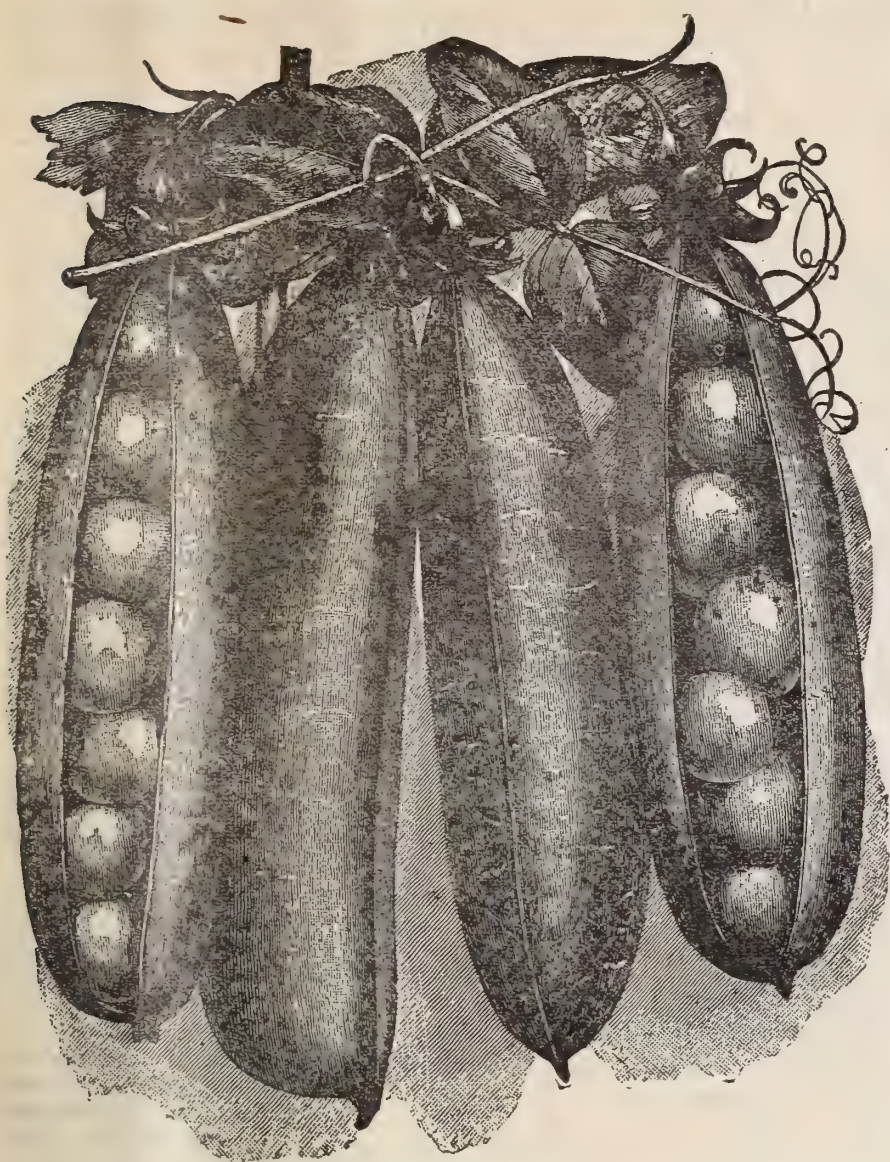
Merchants not receiving our wholesale price card of Field Seeds, Grass Seeds, Onion Sets, etc., are requested to write for same. We give you prompt service and save you freight.

REMEMBER WE ALWAYS GIVE YOU SOME EXTRAS.



Chufas.

EXTRA EARLY DWARF PEAS. (Niedrige und hohe Erbsen.)



Carter's Premium Gem.

Alaska—A variety of remarkable earliness and hardiness. It is a good yielder and produces pods of good size and dark green color, which are well filled with round, smooth peas of splendid flavor. Height two feet. The color of the dried pea is green. It ripens very evenly, so that one picking will nearly clean off the crop. We advise our market gardeners to give this variety a trial. Pkt., 5c; pt., 15c; qt., 25c; pk., \$1.75.

Carter's Extra Early Premium Gem—Pods long and of a dark green color. A type of and improvement on the Little Gem. Very early and productive. Height 15 inches. Highly recommended. Try it. $\frac{1}{2}$ pint, 10c; pint, 15c; qt., 30c; pk., \$1.75.

Nott's Excelsior—Extra early. A cross between American Wonder and Advancer; grows one foot high, very hardy and vigorous; can be planted with perfect safety in early spring with any smooth varieties, and will mature almost as soon, while the quality is far superior; pods very large and well filled with tender and fine flavored peas. Early, hardy, productive, extra fine; ready for table in forty-five days. Earlier by several days than Little Gem, a fine bearer, earliest wrinkled pea. Pkt., 10c; pt., 15c; qt., 30c; pk., \$1.75.

Bliss' American Wonder—The earliest of the wrinkled peas, and best for family use. Very dwarf, nine inches high, and remarkably productive, well filled pods, flavor unsurpassed. We heartily recommend this valuable pea. Pkt., 10c; pt., 15c; qt., 30c; peck, \$2.00.

McLean's Little Gem—Seed green, wrinkled. Height 15 inches. Second early. Very prolific and excellent flavor. Especially recommended for family garden. Pkt., 10c; pt., 15c; qt., 25c; pk., \$1.75.

Gradus, or "Prosperity" Pea—Earliest large podded, first early wrinkled pea. Only five days later than Earliest and Best, but continues long in bearing. A magnificent cropper. Well filled pods; large, handsome, unequalled quality; wrinkled. Grows three feet in height, requiring little or no brushing. It produces an abundance of the finest peas possible, the vines being actually laden with pods; dark green, usually growing in pairs, containing from seven to nine peas of the finest quality, which thoroughly fill the pod. The peas preserve their tenderness and superb flavor long after they are young. Pkt., 10c; pt., 30c; qt., 50c.

DWARF SMOOTH SEEDED VARIETIES.

Springfield Seed Company's Extra Early—A well screened, extra early, selected especially for market gardeners' trade, and ready for market in thirty-seven days from time of planting; height twenty-two inches. Pkt., 10c; pt., 15c; qt., 25c; pk., \$1.75; bu., \$6.50.

French Canner—This is the small French pea extensively used for canning, and is the most profitable variety grown for that purpose; very prolific, with long, slim pods, containing from seven to ten peas; three to three and a half feet. Pkt., 10c; pt., 15c; qt., 25c.

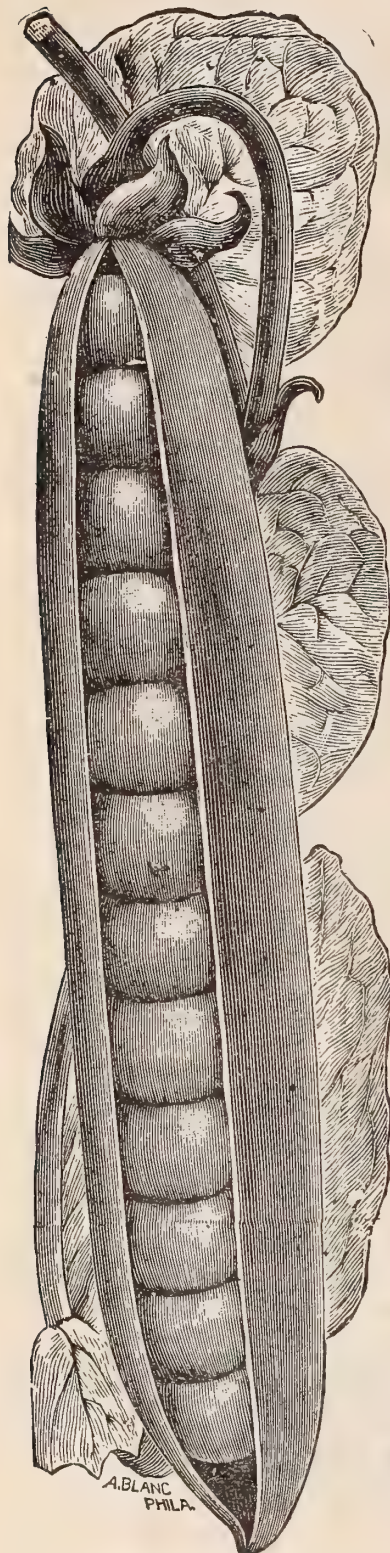
Maud S.—"Earliest in the World." Early peas are kept true, pure and uniform only by the most careful attention to "rogueing" the growing plants; pulling out every plant not true to type. Of course the strain must be right at the start and then kept so. Our Maud S. is right, the earliest of the early round peas, pure, uniform and even. It is a vigorous grower, vines about thirty inches high, while its uniformity of ripening makes it the most profitable pea for the market gardener. There is no earlier pea for first early than Maud S. for the market, while we would recommend for the home garden Nott's Excelsior or American Wonder, which do not yield quite so heavily, but are sweeter. Pkt., 10c; pint, 15c; qt., 25c; peck, \$1.75.

First and Best—This is a reliable early cropper of the hardy, smooth seeded variety. Not quite as early as Rural New Yorker but a great improvement over its parent, the old Philadelphia Extra Early. Pkt., 10c; pt., 15c; qt., 30c; pk., \$1.75.

Tom Thumb—This variety was introduced thirty years ago. Vine bushy, growing to a height of ten inches; foliage heavy; productive; matures in thirty-five days after sprouting. Pkt., 10c; pt., 20c; qt., 35c; pk., \$1.75.

Dwarf Sugar—In habit of growth somewhat similar to the American Wonder or Little Gem. Pods are beautifully crimped and of large size, considering the dwarf habit of the plant. Pkt., 10c; pt., 15c; qt., 30c.

SECOND EARLY AND MEDIUM SORTS.



Bliss' Abundance.

Bliss' Abundance—Grows about two feet high. Foliage large and full; pods from three to three and a half inches long; round and well filled. Usually containing from six to eight peas of an excellent quality. Pkt., 10c; pt., 20c; qt., 30c; pk., \$1.75; bu., \$5.00.

McLean's Advancer—An excellent variety of very fine flavor; two feet. Pkt., 10c; pt., 15c; qt., 30c; pk., \$1.45.

Horsford's Market Garden—A good wrinkled variety; very prolific and sweet. The vines grow about two feet high. Pkt., 10c; pt., 15c; qt., 25c; ½ pk., 70c; pk., \$1.25; bu., \$4.50.

Improved Stratagem—A great improvement on the Old Stratagem, which of late years has been going steadily back in quality. In this improved stock we have a late pea of medium height, a heavy cropper, producing large, dark green, showy pods, well filled with peas of a superior quality. A grand market gardener's pea. Pkt., 10c; pt., 20c; qt., 35c; pk., \$1.50; bu., \$5.50.

Shropshire Hero—A very handsome wrinkled pea, uniformly growing two and a half feet high. Very prolific, long, well filled pods; a fine acquisition and well adapted for market gardeners. Pkt., 10c; pt., 15c; qt., 30c; pk., \$1.40; bu., \$5.00.

Pride of the Market—A strong growing variety, growing from 18 to 24 inches high, and is very productive. The pods are unusually large, and the peas, when cooked, are of a very superior quality. Pkt., 10c; pt., 20c; qt., 30c; peck, \$1.50; bu., \$5.25.

Telephone—The favorite market gardener's pea, bearing immense pods well filled with large peas of a rich, sugary flavor. The best of all the main varieties. The vines grow to about four feet in height, and are enormously productive. We have a very finely selected stock of it. Pkt., 10c; pint, 20c; qt., 30c; pk., \$1.50; bu., \$5.25.

Everbearing—A green seeded, wrinkled, slightly flattened variety. Height about two feet. Used for late planting; very hardy, vigorous grower and an enormous cropper. Pods and peas of large size and superior quality. Pkt., 10c; pt., 15c; qt., 25c; pk., \$1.35; bu., \$4.50.

Juno—This is considered by many by far the best wrinkled pea of its class today. It has very robust vines; stout, straight pods, usually borne in pairs. The pods are very thick, broad-backed all the way up and filled from the stem to the tip with seven to nine sweet, delicious, dark green peas of immense size. Its height is two feet, its season from medium early to main crop. Pkt., 10c; pint, 25c; qt., 50c; pk., \$1.75.

Champion of England—A variety possessing merit of high order. Superior to the common Marrowfat, which it resembles in strength of vine and general habit; wrinkled and very sugary; requires sticking; ripens for table use seventy days after germination. Pkt., 10c; pt., 15c; qt., 25c; pk., \$1.25; bu., \$4.50.

White Marrowfat—A favorite sort; four feet. Pkt., 10c; pint, 15c; qt., 25c; peck, 85c; bu., \$3.00.

Black-Eyed Marrowfat—This, as well as the preceding, is extensively grown as a Field Pea; hardy and productive; four feet. Pkt., 10c; pt., 15c; qt., 25c; pk., 85c; bu., \$3.00.

Tall Sugar, Edible Pod—Grows to a height of about five feet; bears a profusion of large, broad pods, which are so brittle that they can be used in much the same way as a green bean. Pkt., 10c; pint, 15c; qt., 30c; peck, \$2.00.

REMEMBER THESE PRICES ARE POSTPAID ON
PACKETS, PINTS AND QUARTS.

In ordering write proper names, postoffice and state very plainly.

SEEDS OF SWEET AND MEDICINAL HERBS.

	Pkt	Oz.		Pkt	Oz.		Pkt.	Oz
Anise	\$0 05	\$0 15	Sage	\$0 05	\$0 15	*Wormwood	\$0 05	\$0 15
Sweet Basil	05	15	Marjoram	05	15	*Balm	05	25
Coriander	05	10	Saffron	05	15	Borage	05	15
Dill	05	10	*Thyme	10	25	*Caraway	05	10
*Fennel	05	10	*Summer Savory ..	05	15	*Lavender	05	25
*Rosemary	05	25	*Tarragon	05	25	*Rue	05	25
						Sorrel	05	25

*Perennial, and when once obtained in the garden may be preserved for years.

To MERCHANTS—Our method of handling Packet Seeds has made money for your competitors, why not you? Write for terms and prices.

WRITE FOR PRICES ON BULBS, ROSES AND PLANTS FOR SPRING AND SUMMER FLOWERS.

PUMPKIN. (Kürbisse.)

Tennessee Sweet Potato—A good variety for making pies and other cooking purposes. It is of medium size, of a white cream color, and has an excellent flavor. Good keeper. Pkt., 5c; oz., 10c; $\frac{1}{4}$ lb., 15c; lb., 50c.

Japanese Pie—The flesh is very thick, nearly solid, the seed cavity being very small in one end of the pumpkin; usually fine grained, dry and sweet, having much the taste and appearance as sweet potatoes. They ripen early, keep well and produce largely. The seeds are peculiarly marked and sculptured in Japanese characters. Pkt., 5c; oz., 10c; $\frac{1}{4}$ lb., 25c; lb., 65c.

King of Mammoth—The flesh and skin are of a bright golden yellow color. Flesh fine grained, and of excellent quality. Notwithstanding its enormous size, it is one of the very best pie pumpkins ever grown, and a splendid keeper. This enormous variety has been grown to weigh over 200 lbs. Pkt., 5c; oz., 15c; $\frac{1}{4}$ lb., 25c; lb., \$1.00.

Jonathan—This is one of the finest varieties ever introduced. It is a good keeper, of large size, very prolific, smooth and even fleshed, being free from that coarse stringiness which many varieties have. The Jonathan is excellent for pies. Pkt., 5c; oz., 10c.

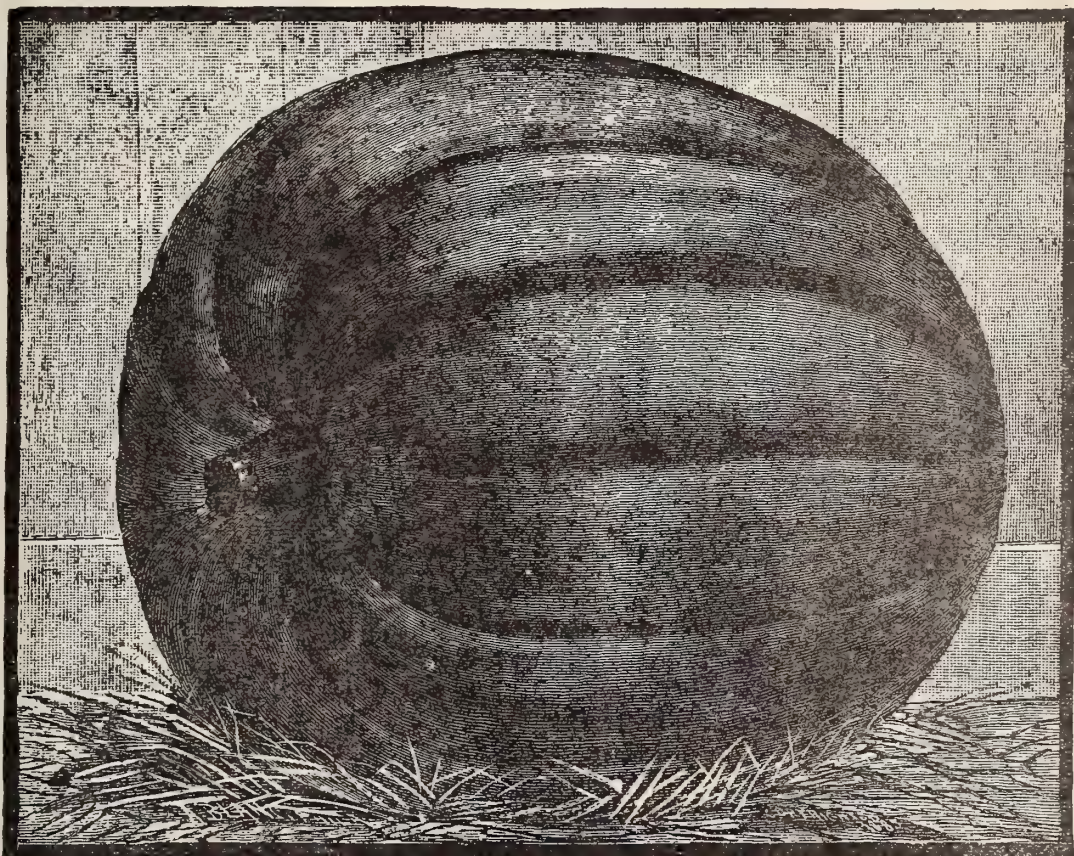
Cashaw—A favorite sort, closely resembling the Crookneck Winter Squash. Pkt., 5c; oz., 10c; $\frac{1}{4}$ lb., 20c; lb., 70c.

Cushaw White—Similar to striped, except in color, being pure white. Pkt. 5c; oz. 10c; $\frac{1}{4}$ lb. 20c; lb. 70c.

Mammoth Tours—An imported variety, grows to an immense size. Oblong in shape, color green, mottled yellow. Pkt., 5c; oz., 10c; $\frac{1}{4}$ lb., 30c; lb., 80c.

Connecticut Field—A very prolific variety, especially valuable for stock feeding. Pkt., 5c; lb., 25c.

Large Yellow—Grows to a large size and is adapted for cooking purposes and for feeding stock. The shape is irregular, some being round and others elongated or flattened. It is of deep, rich yellow color, fine grain and excellent flavor. Pkt., 5c; oz., 10c; $\frac{1}{4}$ lb., 15c; lb., 35c, postpaid.



King of the Mammoth.



**WRITE FOR SPECIAL PRICES ON PUMPKINS
IN LARGE QUANTITIES.**

RAPE, Dwarf Essex, For Sowing.

There is only one "best" variety of rape, and that is Dwarf Essex. Do not be deluded into buying inferior grades by unscrupulous dealers or exaggerated advertisements. There is no plant that will give as heavy a yield of forage at such a small cost as this, and its general cultivation would add largely to the profits of American farms. Especially valuable for green manuring and pasture. When fed off by sheep, it will probably do more to restore and make profitable exhausted soils than any other plant. Beware of the worthless annual variety that is often sold, and which is not only worthless for forage but once planted is liable to become a pernicious weed. Biennial.

CULTURE—Prepare the ground as for Turnips and sow in June or July, with a turnip drill, in rows two and a half feet apart, at the rate of two and a half pounds of seed per acre. It may be sown broadcast at the rate of five pounds per acre.

Price by mail, lb., 25c; by express or freight, 15c; 10 lbs., 90c.

RADISH. (Rettige.)

One ounce of seed will sow 100 feet of drill. Radishes are chiefly cultivated for their roots, although many times the young leaves are used as a salad, and the green seed pods often for pickles. Should be sown early in the spring, and for the best results on a rich sandy soil.

Extra Early Scarlet Turnip—A small, round, red, turnip shaped radish, with a small top and of very quick growth. A very early variety, deserving of very general cultivation on account of its crisp and tender qualities. Pkt., 5c; oz., 10c; $\frac{1}{4}$ lb., 20c; lb., 60c.

Early Scarlet Turnip, White Tipped—A beautiful variety, deep scarlet with white tip. It is very ornamental for table use, and is becoming very popular as a market variety. It is of the same size and shape as the scarlet turnip variety. Pkt., 5c; oz., 10c; $\frac{1}{4}$ lb., 20c; lb., 60c.

Philadelphia White Box—Perfect turnip shape; a long cropper, remaining solid, sweet and juicy long after having reached maturity. Grows rapidly and very desirable for forcing purposes.

Early White Turnip—Similar to Philadelphia White Box.

Early Carmine—An extra early variety of turnip shaped radish. It is very mild and crisp. The flesh is white, the color is carmine, and the radish looks bright, even when wilted. This is, therefore, very salable on the market, even on the hottest days, when other radishes look dull and dry.

French Breakfast—A small, handsome variety of very quick growth; one-half inch in diameter and two inches long. Color bright carmine with clear white in the lower portion.

White Olive Shaped (White Rocket)—A valuable forcing variety.

Early White Olive Shaped—Same as Scarlet Olive, except in color.

Yellow Summer Turnip—An excellent summer and fall sort, best to stand the heat; can be sown late; is a general favorite with market gardeners; large, oblong, russet color.

Gray Summer Turnip—A good summer variety, also for late planting.

Long White Vienna or Lady Finger—One of the finest and most popular of the long radishes; growing six to eight inches in length, beautiful in shape, skin and flesh pure white.



Prices, postpaid: Pkt., 5c; oz., 10c; $\frac{1}{4}$ lb., 20c; lb., 50c.

ANY 7 VARIETIES, 1 PACKET EACH, 25 cts.

Our French Grown Radish Seed is Unsurpassed.

Market Gardener's Long Scarlet—A variety more largely used, perhaps, than any other for outdoor planting. Growing six to eight inches in length, and possessing all the qualities of a fine radish.

Wood's Early Frame—A sub-variety of the Long Scarlet, not quite so long, and a little thicker; of brilliant scarlet color, mild, brittle, of fine flavor, and the most suitable for forcing and early market garden.

White Strasburg—Of handsome, oblong, tapering shape; both skin and flesh are pure white. The flesh is firm, brittle and tender, and possesses most desirable character of retaining crispness even when old and large. Excellent for summer use, and withstands severe heat and grows very quickly.

RHUBARB (PIE PLANT). (Rabarber.)

Linnæus—Early, large, tender and very fine. Pkt., 5c; oz., 20c; $\frac{1}{4}$ lb., 50c.

Victoria—Very large, the finest cooking variety. Pkt., 5c; oz., 20c; $\frac{1}{4}$ lb., 50c.

RHUBARB ROOTS—Good strong crowns of three or more eyes, each, 10c; dozen, \$1.00, freight or express.

HORSE-RADISH SETS. (Meerrettig = Wurzel.)

A condiment in good demand, winter and spring. Culture—Multiplied by sets or root cuttings. Plant in rows two to three feet apart and 15 to 18 inches apart in the rows. Insert sets in deep, rich, moist soil in perpendicular position, with crown three to six inches below surface. Repeat yearly for best quality. Set at rate of 10,000 to 15,000 roots per acre.

Sets, 25c per dozen; 90c per 100, by mail, postpaid. By express or freight, purchaser paying charges, 50c per 100; \$4.00 per 1,000.

California Mammoth White—A very fine winter sort of immense size and an excellent keeper.



Improved Chartier.

Improved Chartier (Scarlet, white tip)—A distinct, exceedingly handsome and attractive sort. Color of the top is scarlet rose, shading into pure waxy white at the tip. Attains a very large size before it becomes unfit for the table; undoubtedly the best all seasons radish for the open ground. Ready for use or market nearly as early as Long Scarlet Short Top, and keeps crisp and tender for two months. Planted late it makes a good winter keeper.

St. Louis White Summer—Very similar to Strasburg, but somewhat longer.

Early White Giant Stuttgart Summer (Round)—A large grower, top-shaped and long keeper, all white, smooth, brittle, never pithy, second early; also extra variety for late planting.

All Seasons, or Celestial—Introduced in 1890 and has proved of great value as a summer and fall sort, keeping also quite well for winter use. Has large ivory white roots of excellent quality.

WINTER VARIETIES. (Winter-Rettig.)

Chinese Rose—Flesh white, firm and of a very superior quality. Skin of a bright rose color.

Black Spanish—Very hardy and very large sort. Flesh solid and a good keeper. An excellent variety for winter use. Roots oblong.

Round Black Spanish—Globe-shaped, black-skinned, white flesh and very hardy; highly flavored.

California Mammoth White—Winter sort, flesh white, excellent quality, largest of all.

Prices on Radish Seed, Postpaid: Pkt., 5c; oz., 10c; 1-4 lb., 20c; lb., 50c.

SALSIFY (Vegetable Oyster). (Schwarzwurzel.)

One ounce will sow 50 feet of drill. Why don't you grow Salsify? We are certain if you grow it one year you would never be without it. Salsify is one of the most delicious and nutritious of vegetables, and should be more generally cultivated for use in winter, when the supply of really good vegetables is so limited. It has the true oyster flavor, and makes a delicious and inexpensive substitute for them in soup, etc. Cultivate like parsnips.

Mammoth Sandwich Island—Averages fully double the size of the old Long White. Roots are white, smooth, and, notwithstanding their enormous size, are of superior quality. Pkt., 5c; oz., 10c; ¼ lb., 35c; lb., \$1.25.

Large White—The common variety; roots medium sized, smooth; flesh white. Pkt., 5c; oz., 10c; ¼ lb., 35c; lb., \$1.25.

SPINACH. (Spinat.)

One ounce will sow 80 feet of drill; 10 lbs. to the acre. The finest "greens" of any plant in cultivation. For summer, sow early in spring in deep, rich soil, in drills one foot apart; cover one inch. Sow at intervals of two weeks throughout the season. For very early spring use, sow the winter varieties first of September, protect by covering with straw.

Bloomsdale, or Savoy Leaved—Leaves large, thick and succulent. Curled and wrinkled like Savoy Cabbage. The hardest and most productive sort. Oz., 5c; ¼ lb., 10c; lb., 30c, postpaid.

Round Thick Leaf—An excellent standard variety for spring sowing. Oz., 5c; ¼ lb., 10c; lb., 30c.

Long Standing—A very valuable sort, slow to seed. Oz., 5c; ¼ lb., 10c; lb., 30c; postpaid.

New Victoria—Broad, dark green leaves, remains in a tender condition without going to seed longer than any other variety. Oz., 5c; ¼ lb., 10c; lb., 30c, postpaid.

Write for prices on Spinach in large quantities.



Bloomsdale Savoy Leaved Spinach

If you are interested in Flowering Bulbs, look over our list. We have a very complete assortment at prices within the reach of all.

We recommend Cotton Seed Meal to Market Gardeners as a fertilizer for Greenhouses, Cold Frames, etc. Price on application.

Try our Mixed Lawn Grass. Per lb. in 1 lb. cartons, 25c; per bushel of 20 lbs. in bulk, \$3.50.

We make a specialty of Onion Sets. Write for prices on bushel and large lots.

We are headquarters for Bee Supplies and are able to furnish anything in that line. Write for prices.

SQUASH (Curbiss.)



White Bush Squash.

Mammoth Chili—The "Jumbo" of the squash family. The form is round, flattened at both stem and blossom end. The outer color is a rich orange yellow; skin is quite smooth, with wide fissures. Flesh is very thick and of a rich yellow color; the quality is good and nutritious. They are most profitable to grow for stock feeding. They keep well throughout the entire winter. Pkt., 5c; oz., 10c; $\frac{1}{4}$ lb., 45c; lb., \$1.50.

Marblehead Mammoth—It is unquestionably an excellent keeper, and is finer grained and dryer than any sort we have seen. About the size of the Hubbard, with shell of bluish-green, and bright orange flesh. Requires the whole season to mature. Pkt., 5c; oz., 10c; $\frac{1}{4}$ lb., 35c; lb., \$1.00.

Winter Crookneck—Vines very long, hardy and vigorous; size medium. Flesh solid and of good flavor. A beautiful salmon color. Pkt., 5c; oz., 10c; $\frac{1}{4}$ lb., 35c; lb., \$1.00.

Boston Marrow—Extensively grown and most profitable for winter use and canning. Flesh orange, fine grained, splendid for pies and as a winter keeper. Pkt., 5c; oz., 10c; $\frac{1}{4}$ lb., 30c; lb., 80c.

Foodhook—A most excellent new squash, of handsome appearance, yellow outside and straw color within. The flesh is as dry as Pike's Peak and of the most delicious flavor. It ripens early, and is one of the best keepers we know of, it can be kept all through the winter until June. It is very prolific, and bug and borer proof. We can highly recommend it to our customers. Pkt., 5c; oz., 10c; $\frac{1}{4}$ lb., 35c; lb., 90c.



Giant Summer Crookneck.

Hubbard—It still retains its place as the standard of all winter varieties; hard shell and a good keeper. Too well known to need further description. Our seed is well selected and will give entire satisfaction. Pkt., 5c; oz., 10c; $\frac{1}{4}$ lb., 35c; lb., \$1.00.

White Bush, or Pattypan—A pure white slightly ribbed variety, flat, very early, and a great favorite. Pkt., 5c; oz., 10c; $\frac{1}{4}$ lb., 25c; lb., 75c.

White Bush Scalloped—Similar to the Golden Bush. Color creamy white; an excellent variety for the family garden for early use. Pkt., 5c; oz., 10c; $\frac{1}{4}$ lb., 35c; lb., 85c.

Mammoth Yellow Bush—Very similar to White Bush, except in color. It is a deep golden yellow, very productive and of fine quality. Pkt., 5c; oz., 10c; $\frac{1}{4}$ lb., 25c; lb., 70c.

Essex Hybrid—This is not only one of the richest flavored, finest grain and sweetest of all squashes, but it is also one of the very best keepers that we know of. Short cylindrical shape, having on the blossom end a small cap shaped enlargement. The flesh is dry, sweet and thick, and of a bright orange color. Pkt., 5c; oz., 10c; $\frac{1}{4}$ lb., 35c; lb., 90c.

New Red, or Golden Hubbard—A perfect type of the Green Hubbard, except in color, which is a bright, deep orange yellow. It is very handsome and attractive and a ready seller. Quality and flavor the best. Pkt., 5c; oz., 10c; $\frac{1}{4}$ lb., 35c; lb., \$1.00.

Chicago Warty Hubbard—A choice dark green and very warty selection from the well known Hubbard, retaining all the good qualities of its parent. Very handsome, a grand keeper, and sells at sight. Pkt., 5c; oz., 10c; $\frac{1}{4}$ lb. 35c; lb. \$1.00.



Mammoth Chili.

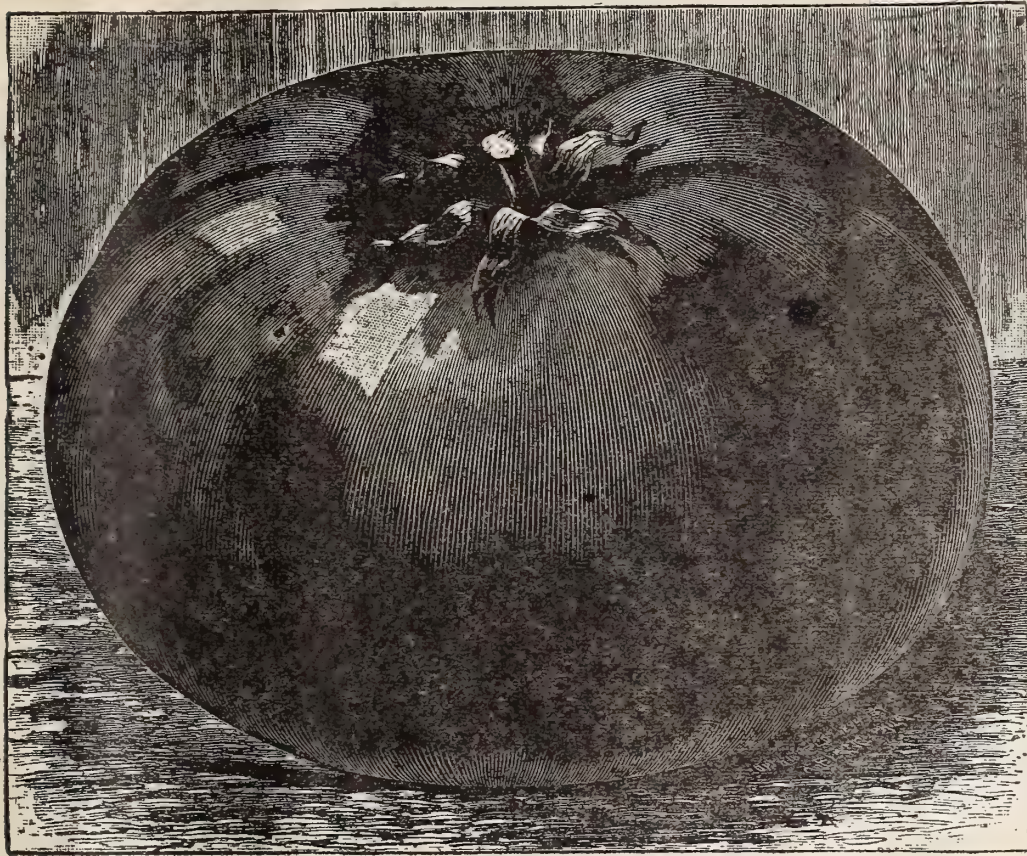
Faxon—The flesh is a deep orange yellow, cavity very small and seeds few; the special peculiarity, however, is that while uncooked it appears to have a shell like any squash, but when cooked there is practically none, the shell, or inedible part, being only about as thick as a sheet of writing paper. It is sweet, very dry, matures early and can be used as a summer squash. Pkt., 5c; oz., 10c; $\frac{1}{4}$ lb., 40c; lb., \$1.20.

Giant Summer Crookneck—Much larger than the common variety and a great seller. Very early. Has a rough, warty surface, a deep orange yellow color. Pkt., 5c; oz., 10c; $\frac{1}{4}$ lb., 35c; lb., 85c.

Pineapple—A summer, fall and winter variety. The color of the skin is a creamy white. In time of ripening it comes in with the Perfect Gem, and is of excellent quality when quite young, and keeps well all winter. The flesh is also of a creamy white color, fine grain and splendid quality, having a rich coconut flavor. Pkt., 5c; oz., 10c; $\frac{1}{4}$ lb., 35c; lb., \$1.00.

TOMATOES. (Liebes = Aepfel.)

Sow the seed in a hot-bed first week in March, in drills half an inch deep. When the plants are about two inches high, transplant into another hot-bed or into small pots, one plant in each pot; in that way the plants are strengthened and branch out better. Set the plants out about the first of June, about three feet apart, for early crop, mixing a shovelful of well-rotted manure in each hill. For late crops, or where the soil is heavy, plant four feet apart. Water freely when transplanting and protect from the sun for a few days until the plants are fairly started. A few plants may be raised by sowing seed in a pot or a box in the house.



New Stone.

Improved Trophy or Stone. Pkt., 5c; oz., 25c; 2 oz., 40c; $\frac{1}{4}$ lb., 75c; 1b., \$2.50.

Acme—An old-time popular variety, having at all times given entire satisfaction. Round, smooth purple. Our seed is of good selection. Pkt., 5c; oz., 20c; $\frac{1}{4}$ lb., 65c; 1b., \$2.00.

Favorite (Livingston's)—Ripens evenly and as early as any good variety, holding its size to the end of the season; very prolific; good flavor, few seeds, flesh solid. Pkt., 5c; oz., 25c; $\frac{1}{4}$ lb., 65c; 1b., \$2.00.

Perfection (Livingston's)—Larger in size than the Acme; color blood-red; it is one of the first to ripen; almost round in shape, perfectly smooth and very solid; of the best quality; enormously productive. Pkt., 5c; oz., 25c; $\frac{1}{4}$ lb., 65c; 1b., \$2.00.

Beauty (Livingston's)—A very fine variety of large size; grows in clusters of four or five; color glossy crimson with a purplish tinge. Very solid with a tough skin, making it a desirable market variety. Pkt., 5c; oz., 25c; $\frac{1}{4}$ lb., 65c; 1b., \$2.00.

Royal Red—Royal Red is a first-class main crop variety for the shipper, market and private gardener; of special value to the canner and catsup maker. Pkt., 5c; oz., 20c; $\frac{1}{4}$ lb., 65c; 1b., \$2.00.

Atlantic Prize—This is the largest, smoothest, best flavored and brightest colored extra early Tomato. Vine medium size, with few leaves, very hardy, bearing the fruit low down on the stem and in enormous clusters, which ripen all together. Those whose trade demands that they have a large, smooth, good flavored, very early fruit will find this variety to be just what they want. Pkt., 5c; oz., 25c; $\frac{1}{4}$ lb., 65c; 1b., \$2.00.

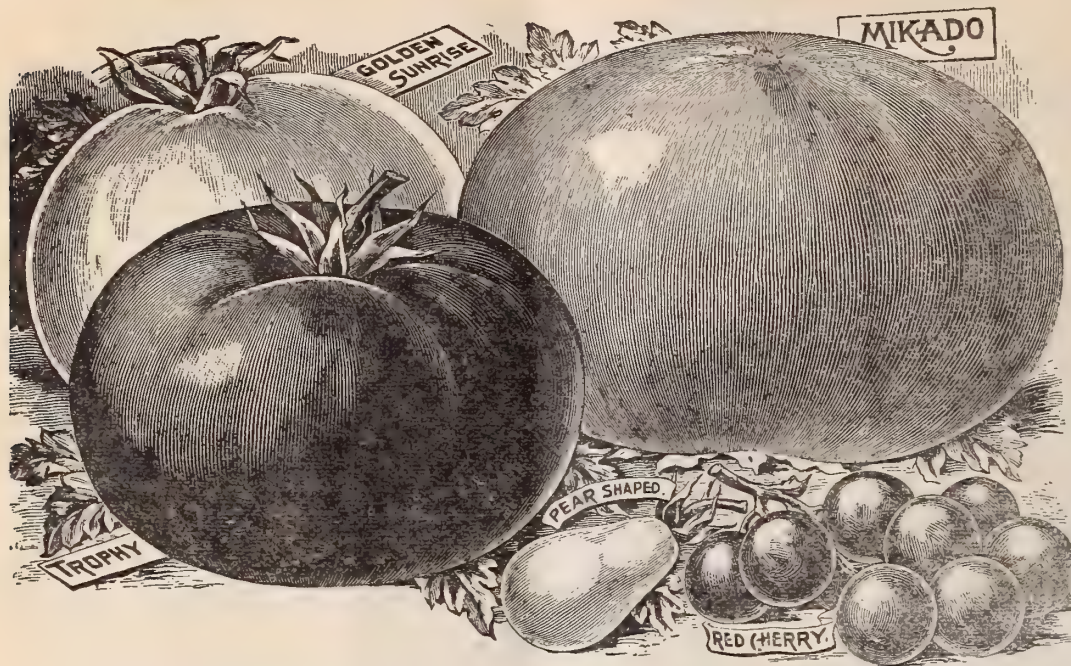
Dwarf Champion—Its close upright growth enables it to be planted much nearer together than any of the older sorts, and the yield, therefore, is likely to be much greater, in productiveness it is unsurpassed. It is also very early. The fruit resembles the Acme, and is of a purplish-pink color, and always smooth and symmetrical in form. It is medium size and attractive in appearance; the skin is tough, and the flesh solid and of fine quality. Pkt., 5c; oz., 30c; $\frac{1}{4}$ lb., 85c; 1b., \$3.00.

Livingston's Honor Bright—This is one of Mr. Livingston's latest, and in growing it we find it a decided novelty and one of merit. In growth the fruit is at first light green, then an attractive waxy white, then lemon, changing to rich bright red when ripe. The Tomatoes are remarkable for their long-keeping qualities, and are specially recommended for shipping. Foliage greenish-yellow, but of vigorous growth. Pkt., 10c; oz., 25c; $\frac{1}{4}$ lb., 75c; 1b., \$2.50.

New Stone—For the past four years we have made a specialty of our New Stone Tomato to the canning trade with remarkable success. Our strain this season is of the same type, produced by the same grower, and we can assure our friends among the local canners of the same service. We feel assured of the patronage of those who have used our New Stone, and would ask of those who have been buying elsewhere to give us a chance to make you prices. It has been our custom to supply affidavit of germination to canners. Pkt., 5c; oz., 20c; $\frac{1}{4}$ lb., 65c; 1b., \$2.00.

Matchless—A large, bright red Tomato, which has become very popular in the east. The fruit is large, very smooth and symmetrical ripening well to stem. The flesh is of a rich, bright red color and of fine quality, though softer than that of either





Imperial—The fruit is perfectly smooth, very early, purple color, very deep, solid and thick meated, ripening up well around the stem. It is an immense cropper and a long keeper. Pkt., 5c; oz., 25c; $\frac{1}{4}$ lb., 75c; 1b., \$2.25.

Crimson Cushion, or Beefsteak—A new race of Tomatoes, of very large size, smooth as an apple, uniform size, very prolific, very long bearing, an excellent keeper and of the finest quality. It is a deep red crimson colored flesh, extremely thick and juicy, and but few seeds. It is one of the finest Tomatoes offered for years. Pkt. 10c; oz. 25c; $\frac{1}{4}$ lb. 75c; 1b. \$2.50.

Buckeye State—A very large and smooth Tomato, bearing its fruit in immense clusters of four to eight, and is the heaviest cropper known. The fruit is very solid, perfectly smooth and of a beautiful dark red color. Pkt. 5c; oz. 25c; $\frac{1}{4}$ lb. 75c; 1b. \$2.25.

Livingston's New Magnus—A variety introduced recently, and might be termed a novelty. It combines all the good qualities of the Beauty and the Acme. After a thorough trial it has proven to be the handsomest in appearance; flesh is firm, ripens evenly, and seems especially free from cracks. Being of luxuriant growth, we recommend that it be staked in the open field. Pkt. 10c; oz. 30c, postpaid.

Golden Queen—The superior flavor of the yellow varieties is bringing them into favor as table fruit, and those who think of a yellow tomato as the rough fruit of the old yellow sorts will be surprised at this smooth, beautiful fruit, it being as smooth as the best of the red varieties, and of a fine and distinct flavor. Pkt. 5c; oz. 25; $\frac{1}{4}$ lb. 75c; 1b. \$2.50.

Ponderosa—Beyond question the largest sort in cultivation. Fruit ripens second early, grows somewhat scattering on the vine, when ripe is apt to remain green on the stem end and seems to ripen on the inside first. On this account, should be picked when about three-fourths ripe. Especially adapted for home use. Its enormous size in weight makes it undesirable for market use. Pkt. 5c; oz. 25c; $\frac{1}{4}$ lb. 90c; 1b. \$3.25, postpaid.

Improved Trophy—First of modern improved kinds. Our Improved Trophy is a sort whose large, vigorous and productive, large, solid, smooth, fine flavored, beautiful fruit will satisfy the most exacting. Much liked for canning as well as fresh. Pkt. 5c; oz. 25c; $\frac{1}{4}$ lb 65c; 1b. \$2.00.

Yellow Plum—Fruit plum-shaped, clear, deep yellow color; flesh yellow and fine flavored. Much esteemed for preserves. Pkt. 5c; oz. 25c; 2 oz. 40c; $\frac{1}{4}$ lb 75c; 1b. \$2.50.

Red Cherry—Fruit small, about five-eighths of an inch in diameter; perfectly round and smooth. Fine for pickles and preserves. Pkt. 5c; oz. 25c; 2 oz. 40c; $\frac{1}{4}$ lb. 75; 1b. \$2.50.

Yellow Cherry—Differs from the preceding in color only. Pkt. 5c; oz. 25c; 2 oz. 40c; $\frac{1}{4}$ lb. 75; 1b. \$2.50.

Peach—This is a distinct and very attractive appearing Tomato, highly desirable for preserving, eating from the hand, or table decoration. Fruit resembles a peach in shape, size and color, and is covered with a delicate down, which makes the deception quite complete; flesh tender and of good flavor. Should find a place in every garden. Pkt. 5c; oz. 25c; 2 oz. 40c; $\frac{1}{4}$ lb. 75c; 1b. \$2.50.

Pear Shaped Red and Yellow—Small fruits, growing in clusters; exceedingly productive. Much used for preserving. Each, red or yellow, per pkt. 5c; oz. 20c; $\frac{1}{4}$ lb. 65c; 1b. \$2.50.

Husk Tomato, or Ground Cherry—This is liked by many for preserves and eating from the hand. The seed we offer is that of the true Yellow Ground Cherry, not the purple fruited sort which is scarcely edible. Pkt. 5c; oz. 25c; 2 oz. 40c; $\frac{1}{4}$ lb. 75c; 1b. \$2.50.

VEGETABLE PLANTS. (Gemüse-Pflanzen.)

We have made very complete preparation to produce plants in quantities. Special prices to growers and canners. All sorts of Vegetable Plants in season, our own growth. We will receive them fresh daily throughout the season, and will ship carefully packed at the following prices:

Early Cabbage Plants—For delivery in April and May, 30c per 100; \$2.00 per 1,000.

Late Cabbage Plants—Ready for shipment by July 1st 25c per 100; \$2.00 per 100,

Cauliflower Plants—March and April, 25c per dozen; \$1.75 per 100.

Celery Plants—For shipment by July 1st. Your own selection as to variety; 40c per 100; \$3.00 per 1,000.

Lettuce Plants—Ready from January to May. 30c per 100; \$2.50 per 1,000.

Egg Plants—Ready in May and June. Pot grown, 60c per doz.; hot-bed plants, 25c per doz.; \$1.75 per 100.

Pepper Plants—Ready in May and June. Large Bell, Ruby King and Cayenne, 20c per doz.; \$1.25 per 100.

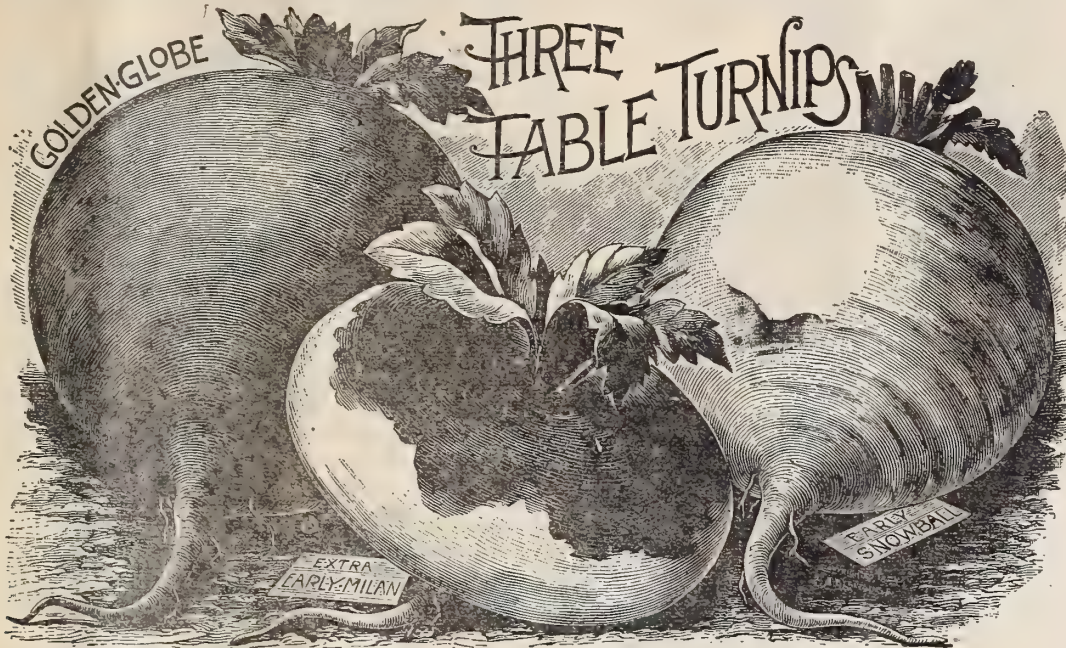
Tomato Plants—Good stocky plants (twice transplanted). Our specialty, ready in May and June. Will supply you throughout the season with all leading varieties, at 20c per doz.; \$1.00 per 100; \$8.00 per 1,000. Seed-bed plants, \$4.00 per 1,000.

Sweet Potato Plants—All leading varieties during the season, 25c per 100; \$2.00 per 1,000.

In order to facilitate the filling of orders, we request that they be sent in early. Give us ample time to select, pack and ship your order promptly. By doing so you will secure better plants, and they will reach you in better condition.

TURNIPS. (Runkel = Rüben.)

One ounce will sow 150 feet of drill; one to one and one-half pounds to acre. For the early spring and summer crop, get them started as soon as possible, so they may have grown to a sufficient size before hot weather. For the main crop sow the middle of July to the last of August. For feeding stock in fall or winter, there is nothing superior to the Turnips and Ruta Bagas, as they yield a larger amount of food than anything else on the same space of ground.



Extra Early Purple Top Milan—The earliest in cultivation. The bulb is very flat, of medium size, quite smooth, with a bright purple top; leaves few, short and light of color, growing very compact and making an exceedingly small and neat top. The pure white flesh is of the choicest quality, hard, solid and fine grained. It is an excellent keeper. Pkt., 5c; oz., 10c; $\frac{1}{4}$ lb., 25c; lb., 80c.

Extra Early White Milan—Very similar to the preceding except the skin is a pure white, thus making it especially desirable for forcing. Pkt., 5c; oz., 10c; $\frac{1}{4}$ lb., 30c; lb., 85c.

Purple Top (Strap-Leaved)—The standard of this part of the country. Superior for early or late planting. Round, flat, good sized, small top with but few leaves; flesh very fine grained; flavor good. Pkt., 5c; oz., 10c; $\frac{1}{4}$ lb., 15c; lb., 45c.

Early White Flat Dutch (Strap-Leaved)—This is a popular early turnip for table use. For autumn and early winter use, this and the Purple Top are highly popular, but as they become over-ripe with age, and in keeping lose somewhat of their succulence, they need to be succeeded by the Pomeranian Globe or the Amber Globe. Pkt., 5c; oz., 10c; $\frac{1}{4}$ lb., 15c; lb., 45c.

Large White Globe—A large, round, white Turnip, with firm, sweet flesh. Pkt. 5c; oz. 10c; $\frac{1}{4}$ lb. 15c; lb. 45c.

Purple Top White Globe—Similar to above, except shape. This is the largest yielder of any turnip on the list, and very desirable for table use or stock. Pkt. 5c; oz. 10c; $\frac{1}{4}$ lb. 15c; lb. 45c.

Yellow Aberdeen—Excellent for cattle feeding. Pkt. 5c; oz. 10c; $\frac{1}{4}$ lb. 20c; lb. 50c.

Mixed Turnips—All the table varieties of turnips mixed in equal proportion. A desirable mixture for family use. Pkt. 5c; oz. 10c; $\frac{1}{4}$ lb. 20c; lb. 60c.

Pomeranian White Globe—This is one of the most productive kinds, and in good, rich soil roots will frequently grow to twelve pounds in weight. It is of perfect globe shape; skin white and smooth; leaves large and dark green. Pt. 5c; oz. 10c; $\frac{1}{4}$ lb. 15c; lb. 45c.

Long White, or Cow Horn—Grows very thickly, partly above ground. Very productive; flesh white, fine grained, sweet and of excellent quality for family and market gardener's use. Pkt. 5c; oz. 10c; $\frac{1}{4}$ lb. 15c; lb. 50c.

Early White Egg—An egg-shaped variety for spring or fall sowing; flesh white, firm, fine grained, mild and sweet. Pkt. 5c; oz. 10c; $\frac{1}{4}$ lb. 20c; lb. 50c.

Golden Globe—One of the best varieties for a field crop for stock. Flesh yellow, fine grained and sweet; color of skin yellow, top green. Hardy, keeps well, a good cropper. Very popular in the south. Pkt. 5c; oz. 10c; 2 oz. 15c; $\frac{1}{4}$ lb. 20c; lb. 60c.

Sweet German—This variety is very popular in many sections, notably so in the New England states. It partakes largely of the nature of the Ruta Bagas and should be sown a month earlier than the flat Turnips. The flesh is white, hard, firm and sweet; keeps nearly as well as the Ruta Baga. Highly recommended for winter and spring use. Pkt. 5c; oz. 10c; 2 oz. 15c; $\frac{1}{4}$ lb. 20c; lb. 50c.

Large White Norfolk—A standard sort, usually grown for feeding stock, but like other large white varieties, though a little coarse, it is of very good quality for the table. The roots are large, spherical, or slightly flattened, and very white. It is allowed to stand out during the winter in the south and southwest, where the tops are used for greens. Pkt. 5c; oz. 10c; $\frac{1}{4}$ lb. 15c; lb. 45c.

Seven Top—Cultivated extensively in the south for the tops, which are used for greens. It is very hardy and will grow all winter, but does not produce a good root, and is only recommended for the tops. Pkt. 5c; oz. 10c; $\frac{1}{4}$ lb. 15c; lb. 35c.

Our Turnip Seed is American grown, and is much superior to seed sometimes offered at a cheaper price.

Prices above named are postpaid. If ordering by Freight or Express, deduct 8c per lb.

Try our Mixed Lawn Grass. Per lb. in 1 lb. cartons, 25c; per bushel in bulk, \$3.50.



Purple Top White Globe,

Ruta-Bagas**Swedish or**

One ounce, will sow 150 feet of drill; 2 pounds will sow an acre.

CULTURE—Should be sown from the 20th of June to the middle of July in drills two feet apart, and thinned out at the first working to 10 inches between plants. Flesh close-grained, hard; will endure considerable cold. The roots are best preserved in a pit or cellar during winter, and are excellent for the table early in spring.

Laing's Purple Top—A large, early sort of fine quality. Roots globe-shaped, skin purplish-red above ground and yellow below; flesh yellow, neck small; tops peculiar in that their leaves are strap or entire. An excellent variety in every way.

FOR STOCK.

American Purple Top—For years a great yielder and unsurpassed for stock feed. Tops small, bulbs very large, sweet and of the richest flavor.

White Russian, or Large White Ruta-Baga—Grows very large, excellent for table or stock; flesh firm, white and solid; has a very rich and sweet flavor. The best keeper of any.

Skirving's Purple Top—Attains an immense size; yellow flesh, fine flavor, solid and a very good keeper; very nutritious.

Imperial Hardy Swede—Grows to a large size with a single tap root and produces a fine bulb, always of good quality, and is one of the best for winter use.

Prices, postpaid: Pkt., 5c; oz., 10c
1-4 lb., 15c; lb., 45c.

In ordering write proper names, postoffice and State very plainly.

TOBACCO.**Virginia Pedigree Tobacco Seed, Crop of 1902.**

We make a specialty of select Virginia Tobacco Seed. Tobacco succeeds best on rich sandy loam. Heavy new soil produces a coarse leaf. The most desirable fertilizers are Wood Ashes, Commercial Potash and Guano. Seed bed should be carefully prepared and must be very loose and light at time of planting. Sow seed as early as possible after danger of frost is over. When six inches high transplant into rows four feet apart each way and cultivate thoroughly.

Our Tobacco Seed will be of the highest quality obtainable.

STANDARD SORTS.

Connecticut Seed Leaf,
Red Burley,

Sweet Oronoco,
Yellow Pryor,

White Burley,
Gold Finder,

Missouri Broad Leaf,
Big Havana.

Pkt., 5c; oz., 25c; ¼ lb., 75c.

Bonanza—A White Burley cross on Yellow Oronoco, and a very superior one, possessing the qualities of both parents beautifully blended, and for the manufacturing types most popular and in the greatest demand; it is superior to either of them, for it is tougher than the Burley and more porous than the Oronoco, and therefore makes superior Wrappers, Cutters and Fillers. It stands the vicissitudes of seasons better than the Burley. Pkt., 5c; oz., 40c.

Climax—A cross of Burley on Sterling, and a most decided acquisition to the Bright lists, that cannot fail to win higher favor, as it possesses every characteristic of a superlatively fine Bright. The newest, and bids fair to head the list. Recommended with confidence. Pkt., 5c; oz., 40c.

Hyco—A fine variety and the easiest of all cured yellow. Fine texture, good flavor and sells well. A hybrid Oronoco and Gourd Leaf. A beautiful and desirable variety. Pkt., 5c; oz., 25c; ¼ lb., 75c.

One Sucker—A medium Tobacco and fine for shipping purposes; also cures a good color if desired. It is claimed for it that the growth of suckers from it is not near so large as other varieties. Price: Pkt., 5c; oz., 25c; ¼ lb., 85c.

Blue Pryor—The genuine James River Favorite. Rich shipper, superior to Kentucky Blue Pryor. Pkt., 5c, oz., 40c.

Cuban Seed Leaf—Imported stock, acclimated, and makes fine Tobacco. Price: Pkt., 10c; oz., 50c.

ABOVE PRICES POSTPAID.

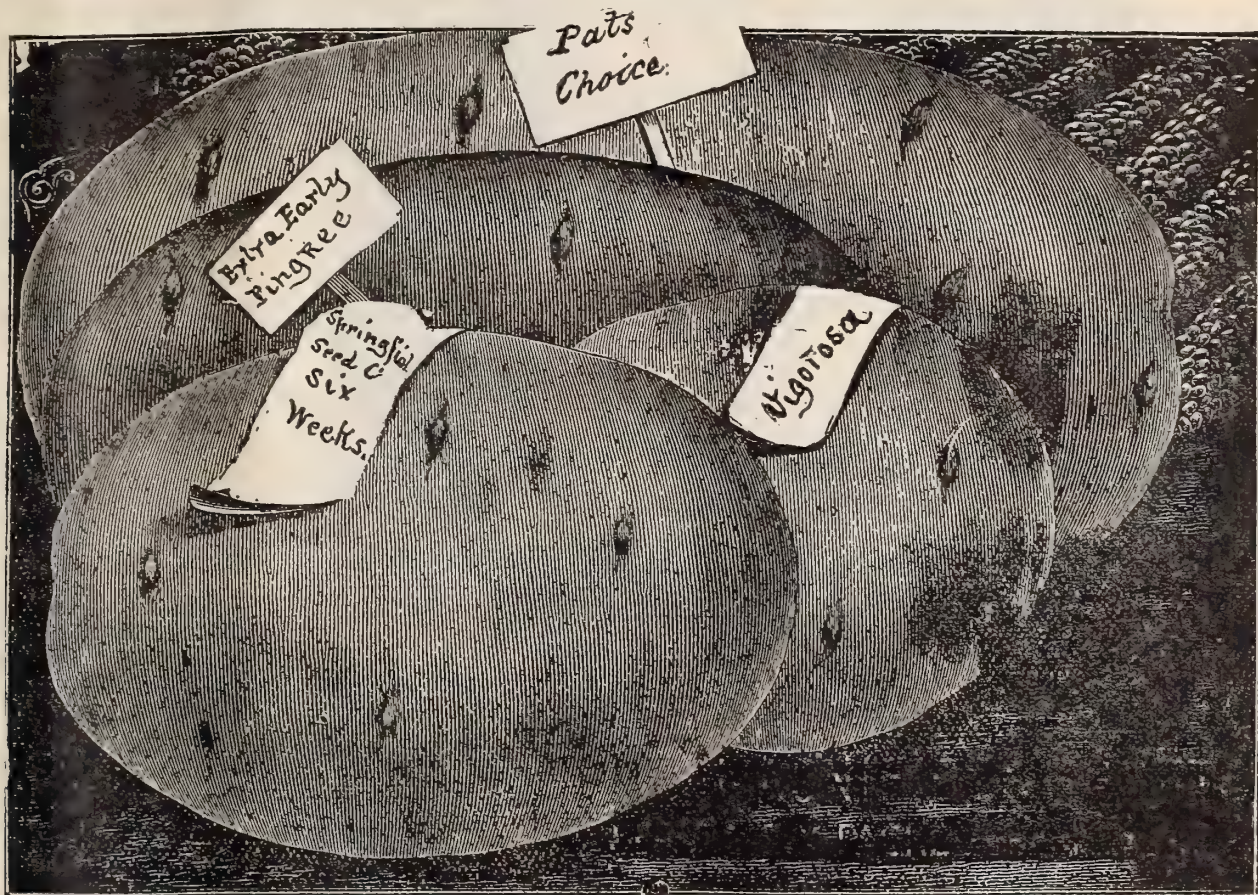
Try our Mixed Lawn Grass. Per lb. in 1 lb. cartons, 25c; per bushel of 20 lbs. in bulk, \$3.50

We make a specialty of Onion Sets. Write for prices on bushel or large lots.

NORTHERN SEED POTATOES.

(Kartoffeln.)

Do not compare our Seed Potatoes with the worthless mixed stock offered by some who can always fill your order for any variety, if they have any potatoes in stock at all. Our stock is always well selected as to purity, and we accept no orders that we cannot fill properly.



Springfield Seed Company's CHOICE POTATO COLLECTION

Of Four of the Best Varieties on the Market

==At \$3.75 Per Barrel.==

Extra Early Pingree—Notwithstanding the very adverse conditions prevailing last season, Pingree made good all claims for earliness, productiveness and quality. Three to six days earlier than Bovee. We would refer you to those who tried Pingree last season. Freight or express, pk., 35c; bu., \$1.25.

Vigorous—A fine second early, being about six days later than Triumph or Pingree. Handsome in appearance and color. Always a ready seller. We would especially recommend it to the market garden trade as a cropper, a seller and keeper. Peck, 35c; bu., \$1.25, freight or express.

Springfield Seed Company's Early Six Weeks—This potato has a great record as a drought resister. Dry weather does not hurt it, and makes itself in six weeks. The Six Weeks Market Potato not only is an extra early sort, it is a variety that is good all summer and all fall through, and is marketable any time after 40 to 50 days from planting. Many market gardeners had potatoes in less time. In fact, it is a perfect potato in every respect. Peck, 45c; bushel, \$1.50.

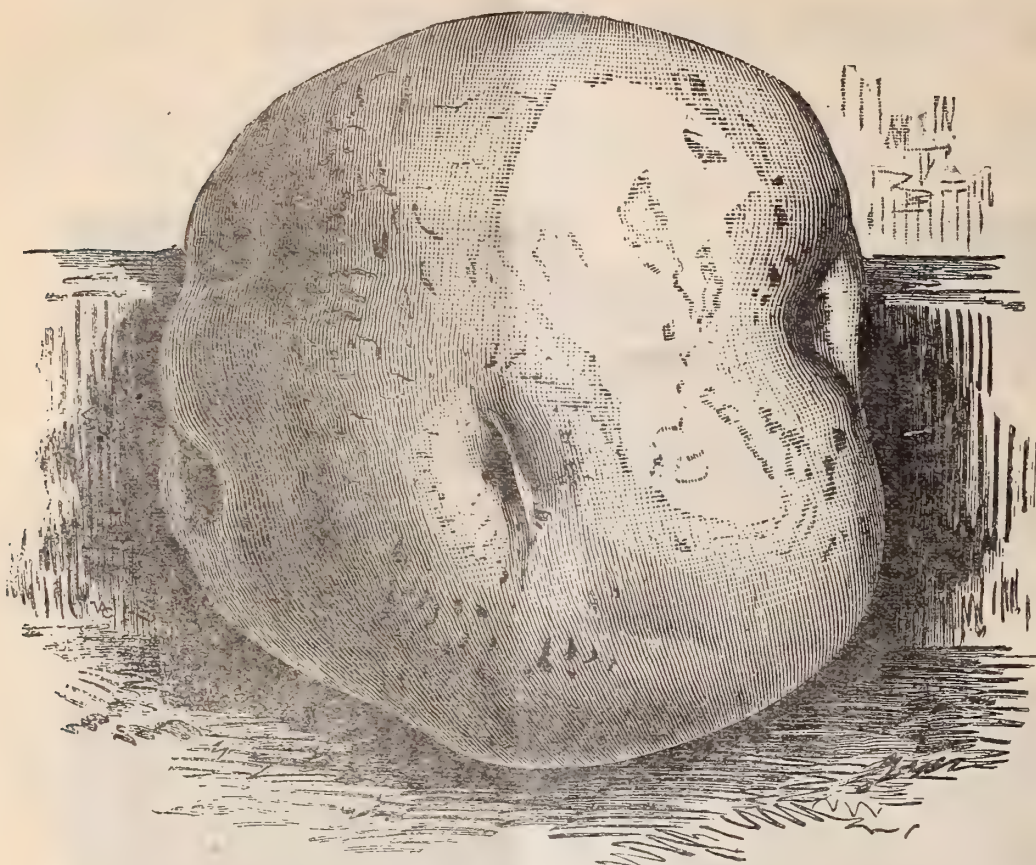
Pat's Choice—We sold this potato last season at \$3.00 per bushel and could not supply the demand, as our stock was very limited, but feel we are in position this season to take care of at least all early orders, and at greatly reduced prices. PAT'S CHOICE is beyond question the very best general cropper grown. Our seed stock is direct from the originator. Peck, 35c; bu., \$1.25.

Early Ohio—Minnesota grown. This well known standard sort needs no description, having stood the test of years and holds its own as a favorite early potato for the home garden and the market. Peck, 30c; bushel, 90c, freight or express.

Early Ohio, Red River stock—Especial attention is called to this strain of Ohios for market purposes. While they do not produce as many tubers as the old strain, they are very uniform in size, free from rust or scab, a few days earlier and excellent keepers and shippers. Peck, 30c; bushel, \$1.00.

Beauty of Hebron—A very fine general cropper, coming soon after Rose. An excellent yielder, attaining extremely good size. Peck, 30c; bushel, 90c.

Minnesota Rose—Our stock of Rose this year, notwithstanding the extremely hard season, is very smooth and free from disease. Peck, 30c; bushel, 90c.



Bliss' Triumph.

Bliss' Triumph—THE EARLIEST OF ALL. A pink skinned sort which is rapidly supplanting all other sorts as an extra early shipping potato in the South and West. They are the first new potatoes to appear on our markets in the spring and sell readily at high prices. Hundreds of carloads are shipped each season from Arkansas, Texas and Oklahoma. The shape is almost round; they are very solid and heavy. Skin smooth and of a beautiful pink or light red color. Marvelously early and a big yielder.

Peck, 30c; bushel, 90c.

Peerless—A large, round late sort of great size and beauty. Very productive; a standard shipper in all Potato growing districts. Pk. 30c; bu. 85c.

We can supply for the greater part of these season many varieties not included in this list. Write for prices.

Prices made subject to market changes, and orders filled at lowest prevailing price on date order is received.

Burbanks—The best late sort for our section; a good cropper and an excellent keeper. Pk. 30c; bu. 90c.

SWEET POTATOES.

(Süß = Kartoffeln.)

Yellow Nansemond,	Red Nansemond,
Yellow Jersey,	Red Jersey,
Vineless or Bunch Yam,	Southern Queen,
White Brazilian,	Red Bermuda.
Yellow Yam,	Early Golden,
Key West.	

Owing to the perishable nature of Sweet Potatoes, our responsibility ceases upon delivery to railroad company and receipted for in good condition.

For Prices on Sweet Potato Plants See Page 28.

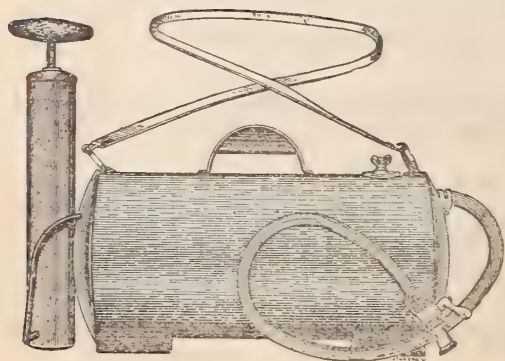
Use the Springfield Seed Company's Special Potato Grower Fertilizer, it will help to lift your mortgage. as the Fertilizer will double your crop with an investment of about \$2.50 to the acre; it will fill your pockets. Every Potato raiser and market gardener should give this fertilizer a fair trial. Price per 100 lb. \$1.50.



Burbanks.

Single Tank

Utica High Pressure Sprayer.



A wonder. Quickest and easiest working sprayer ever offered to the public. All the latest improvements. Brass check valves and trimmings. It takes but half a minute to charge; holds three gallons, and will carry a continuous spray for ten minutes. Especially adapted for spraying Potatoes, Tobacco, Fruit Trees, Nursery Stock, and to fumigate hen houses and barns. Sprayer carried by shoulder straps. Price, \$5.00.



We have aimed to include in our Collection of Flower Seed only standard varieties. We have procured our Seeds from the best growers in America and Europe. Our list comprises nearly all the varieties that can be successfully grown, and the Seeds we offer can be fully relied upon as fresh and pure, they are the best, and nothing but the best is our motto. All orders will have intelligent and honest attention.

Directions for Planting and Culture printed on each package of Flower Seed.

The term "ANNUAL" is given to those plants which grow, flower, seed and die within the same year.

"BIENNIALS" are those plants that do not generally flower until the second season, and after blooming die.

"PERENNIALS" are those that do not generally flower until the second year, but will bloom for years to come.

Abutilon, Chinese Bell Flower (or Flowering Maple)—Desirable plant for the conservatory in winter and effective border plants during summer, producing a profusion of lovely bell-shaped flowers. Half hardy shrub. Fine mixed, pkt., 10c.

Acroclinium Roseum (Everlasting)—Most beautiful; bears a great number of pink and white Daisy-like flowers with yellow center. Mixed colors. Pkt., 5c.

Ageratum Coruleum—Flowers light blue or lavender, desirable for bouquets, furnishing continuous bloom during the summer, and plants flower well in the house in winter. Pkt., 5c.

Adlumia Cirrhosa (Mountain Fringe or Allegheny Vine)—An attractive climber, with beautiful feathery foliage, and pink and white flowers are produced in abundance during the three summer months. Pkt., 10c.

Alyssum, Sweet (White Candytuft)—Blooms nearly all summer. Pkt., 5c.

Althaea Rosea—(See Hollyhocks).

Amaranthus (Tricolor Splendens)—Remarkable for brilliant coloring. Pkt., 5c.

Amaranthus Salicifolius (or Fountain Plant)—Fine, showy plant. Pkt., 5c.

Ammobium Alatum (Everlasting Flower)—Very fine white flower. Pkt., 5c.

Antirrhinum (or Snap Dragon)—A half hardy perennial, free bloomer; will bloom the first season. Tall mixed, pkt., 5c. Dwarf varieties, mixed, pkt., 5c.

Aquilegia—(See Columbine).

Aristolochia Sipho (Dutchman's Pipe)—A beautiful hardy climber; leaves large and luxuriant; flowers brownish yellow, in shape resembling a pipe. Pkt., 10c.



Abutilon.



Asters.

ASTERS.

Peony-Flowered Perfection—Very large globular flowers of perfect form with incurved petals, a very magnificent variety. Extra fine mixture, pkt., 5c.

Chrysanthemum Flowered—Tall; fine mixed colors, pkt., 5c.

Chrysanthemum Flowered—Dwarf; fine for bedding. Mixed. Pkt., 5c.

Dwarf Pyramidal Bouquet—Eight distinct colors, mixed. Pkt., 5c.

Mignon Dwarf—Resembles the Victoria, but a better bloomer. Mixed. Pkt., 5c.

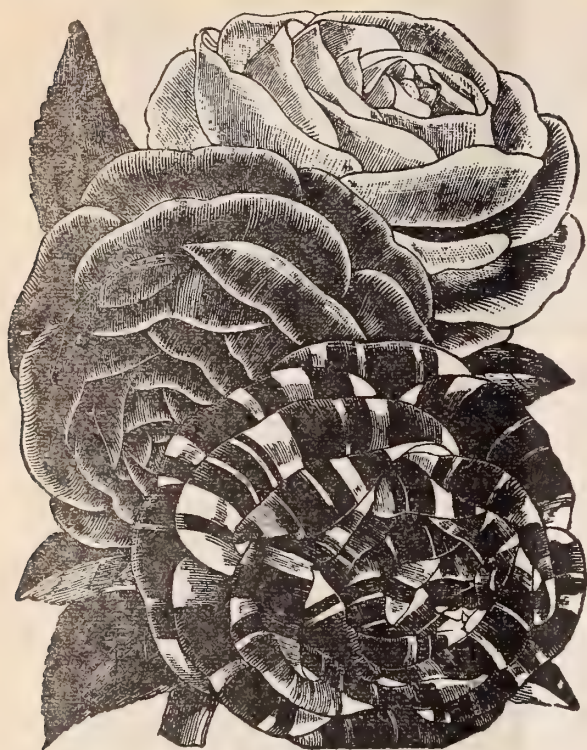
Princess—Charming sorts; fine mixed varieties. Pkt., 10c.

Imbricated Pompon—Fine class for bouquets and for dyeing. Mixed. Pkt., 5c.

German Quilled—Very large double flowers composed of quill-shaped petals. Mixed colors. Pkt., 5c.

Special Mixture of tall varieties, made up of the most desirable colors of Victoria, Perfection, Crown, Mignon and others, which will make a handsome display for bed. Pkt., 10c.

PLANT OUR OUT-DOOR GROWN ROSES IN FEBRUARY OR MARCH AND YOU WILL HAVE A MAGNIFICENT SUPPLY OF ROSES ALL THROUGH THE SEASON.



Double Balsam.

Campanula Medium (Canterbury Bell)—A large genus of showy plants, mostly perennials. Claims a place in most gardens. Double mixed. Pkt., 5c.

Campanula—Single mixed. Pkt., 5c.

Candytuft, Little Prince—Finest dwarf variety in cultivation. Snow white flower. Pkt., 5c.

Candytuft, Asnam—White. Pkt., 5c.

Candytuft—Mixed varieties. Pkt., 5c.

Canna (or Indian Shot), Crozy's Early—Large flowering. Fine mixed. Pkt., 10c.

Canna—Extra choice mixed. Pkt., 10c.

Carnation—(See Dianthus).

Celosia Oristata (Cockscomb)—Beautiful large cockscomb. Mixed. Pkt., 5c.

Centaurea—Hardy annuals of easy culture. Make a beautiful addition to the flower bed.

Centaurea Americana (Star Thistle)—Lilac. Pkt. 5c.

Centaurea Cyanus (Blue Bottle)—Mixed colors. Pkt., 5c.



Chrysanthemums.

Coleus—Extra fine mixed. Pkt., 10c.

Columbine (Agilegia)—Single and double sorts mixed. Pkt., 5c.

Balsam (Lady Slipper)—Improved Double Camelia Flowered. A family of beautiful annuals; large and showy flowers. Fine mixed, pkt., 5c.

Balsam, Improved Double Camelia Flowered—Pure white. Pkt., 5c.

Balsam, Rose Flowered—Double Mixed. Pkt., 5c.

Balloon Vine—Pkt., 5c.

Balsam Apple (Momordica)—Curious trailing vines, with ornamental foliage and odd shaped fruit, which, when ripe, opens showing a brilliant red interior. Make a nice display on trellis and rock work. Pkt., 5c.

Balsam Pear—Pkt., 5c.

Bellis Perennis Fl. pl. (Double Daisy)—One of the most charming of our early spring flowers. It is a perennial plant, quite hardy, easy culture, but requires shade. Pkt., 5c.

Browallia Elata—Fine for rock work. Pkt., 5c.

Cacalia Coleinia (Tassel Flower)—Pretty, free-blooming plants with tassel-shaped flowers. Also called Devil's Paint Brush. Of easy growth. Pkt., 5c.

Calendula Officinalis Meteor—Handsome, hardy annual; blooms continuously all the season. Double. Pkt. 5c.

Calliopsis, or Coreopsis—Hardy annual plants of easy culture. One of the brightest and richest of our annuals. Adapted for cut flowers and bouquets. Tall and dwarf. Pkt., 5c.



Canterbury Bell.

Chrysanthemum Coronarium—Annual variety. Double white and double yellow. Pkt., 10c.

Chrysanthemum Carinatum—Tricolor, single mixed. Pkt. 5c.

Cineraria Hybrida—A well known and exceedingly brilliant greenhouse plant. Extra fine mixed. Pkt., 20c.

Clematis—Well known, hardy, climbing plant, fine for arbors and verandas. Perennial sorts. Mixed. Pkt., 10c.

Cobaco Scandens—One of the finest of our summer climbers, with fine foliage and large bell shaped flowers. Pkt., 10c.

Coleus, Mammoth Rainbow—The most popular and well known foliage plant grown; finely variegated foliage of striking beauty and many colors. Pkt., 10c.



Group of Daturas.

Datura, Golden Queen—Compact, bushy plants $2\frac{1}{2}$ feet high, brilliant yellow showy flowers, often ten inches long, and often double Pkt., 10c.

Delphinium—(See Larkspur).

DIANTHUS.

Dianthus Cariophyllus Fl. pl. (Carnation)—The most important seed novelty produced in many years, for flower beds in summer, as well as winter blooming. Plants dwarf, and flower abundantly, in great variety of colors, striped, mottled, variegated; very fragrant. Pkt., 10c.

Dianthus Marguerite—Extra fine. Mixed. Pkt., 10c.

Dianthus Marguerite—White. Pkt., 10c.

Dianthus—Double extra fine mixed. Pkt. 5c

Dianthus Heddeiwiggi (Double Japan Pink)—Fine mixed. Pkt., 5c.

Dianthus Heddeiwiggi—Single. Fine mixed. Pkt., 5c.

Dianthus Chinensis (Double Chinese Pink)—Mixed. Pkt., 5c

Dianthus Laciniatus—Double varieties. Mixed. Pkt., 5c.

Dianthus Barbatus Fl. pl. (Double Sweet Williams)—Fine mixed. Pkt., 5c.

Dianthus Barbatus (Single Sweet William)—Fine mixed. Pkt., 5c.



Forget-Me-Not.

Convolvulus Major (Morning Glory)—Tall varieties. Mixed. Pkt., 5c.

Convolvulus Minor (Morning Glory)—Dwarf varieties. Mixed. Pkt., 5c.

Convolvulus Tricolor (Morning Glory)—Extra fine. Mixed. Pkt., 5c.

Cosmos—White. Pkt., 5c.

Cosmos—Pink Butterfly. Pkt., 5c.

Cosmos—Mixed varieties. Pkt., 5c.

Cucumis Anguinus Flexuosus (Ornamental Cucumber)—Rapid growing annual. Pkt., 5c.

Cucumis Perennis (Ornamental Cucumber)—Very fine. Pkt. 5c.

Cuphia Platycentra (Old Fashioned Cigar Plant)—Flowers scarlet, tipped with purple, blooms constantly. Pkt., 10c.

Cypress Vine—White, Scarlet and Pink. Each, pkt., 5c.

Cypress Vine—Mixed. Pkt., 5c.

Cyperus Alternifolius (Umbrella Plant)—One of the easiest cultivated foliage plants for parlor or window decoration known. Pkt., 10c.

Chinese Lantern Plant (Physalis)—An annual bearing bright red pendant fruit, which can be used in bouquet of dried flowers. Pkt., 10c.

Dahlia Variabilis Fl. pl.—Double mixed. Pkt., 10c.

Dahlia—Single mixed. Pkt., 5c.

Datura Fastuosa Fl. pl. (Trumpet Flower)—These plants bloom freely from seed the first year. Very showy. Pkt., 10c.



Marguerite Carnation.

Digitalis Gloxiniaflora (Foxglove)—Perennial. Very showy. Mixed. Pkt., 5c.

Dolichos Lablab (Hyacinth Bean)—A rapid growing climber of easy cultivation, bearing a profusion of pea-shaped purple blossoms. The seed pods are of a beautiful deep purple shade in fall. Sow in open ground in April and May, against trellises, arbors, etc. Mixed Pkt., 5c.

Escholtzia—A most beautiful and showy garden flower, easily grown. Extra varieties, mixed. Pkt., 5c.

Forget Me-Not (Myosotis Alpestris)—Mixed. Pkt., 5c.

Four O'clocks (Mirabilis)—Marvel of Peru. Extra fine mixed. Pkt., 5c.

French Honeysuckle (Hedysarum Coronarium)—Mixed varieties. Pkt., 5c.

Feverfew (*Matricaria Capenses*)—Handsome double white flowers. Pkt., 5c.

Fuchsia Hybrida (Lady's Eardrop)—A well known and favorite flower. Of easy culture. Tender perennial. Extra fine varieties, mixed. Pkt., 25c.



Heliotrope.

Heliotrope—Great favorite with flower lovers for beauty and fragrance; suited for beds or border, where they will bloom in summer, and may be potted and cut back for winter blooming. Fine mixed, pkt., 10c.

Hibiscus Africanus or **Crimson Eye**—Cream yellow, purple center, brown edge; very showy; pkt. 10c.

Hollyhock—No garden flower is more showy or admired. Double mixed. Pkt., 5c.

Ipomaea Grandiflora Alba (Moonflower)—A grand climber when planted in rich soil and well watered, attains a height of 50 to 70 feet, produces immense quantities of fragrant white flowers, measuring from 5 to 7 inches across. Pkt., 10c.

Ipomaea Bona Nox—Good Night, or Evening Glory. Large white flower. Pkt., 5c.

Japanese Morning Glory—Most magnificent large flowers of exquisite new colors, which are rich and velvety. Mixed. Pkt., 5c.

Lantana Hybrida—Very desirable plants for house culture, the varieties of which are almost numberless; very pretty; mixed. Pkt. 10c.

Larkspur, Dwarf German Rocket—An old and well known annual; the flowers are borne in compact spikes, and are hardy, showy and desirable. Mixed colors. Pkt., 5c.

Larkspur—Dwarf Double Mixed; pkt., 5c.

Lemon Verbena—Everybody knows the Lemon Verbena, and everybody should have a few specimens of it, for its fragrant foliage is fine to use in bouquets and floral work. Pkt., 10c.

Lobelia Erinus Grocillis—A dwarf plant with delicate, graceful foliage and pretty, fine flowers. Of value chiefly for hanging baskets and borders. Mixed varieties. Pkt., 5c.

Lobelia, Emperor William—Light blue, fine for hanging basket. Pkt., 5c.

Marigold—See Tagates.

Maurandia Barclayana—This beautiful summer climber cannot be too highly recommended. Blooms the first season from seed. Fine mixed varieties. Pkt., 10c.

Foxglove—See *Digitalis*.

Gaillardia Picta—Half hardy, free flowering annual. Very showy. Fine mixed. Pkt., 5c.

Globe Amaranthus (*Gomphrena Globosa*)—Bachelor Button. Mixed. Pkt., 5c.

Godetia or **Satin Flower**—One of the most beautiful of our hardy annuals and the easiest of all in cultivation. They are of dwarf habit and are fairly covered with flowers of brilliant and delicate colors. Fine mixed. Pkt., 5c.

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Gourds—Dish Rag. Pkt., 10c.

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Japanese Morning Glory.

Mescurbrianthemum Crystallinum (Ice Plant)—A peculiar dwarf trailing plant; the leaves and stems are covered with crystalline globules, giving it the appearance of being covered with ice. Pkt., 5c.

Mignonette (*Reseda Odorata*)—Sweet scented. The delicious fragrance of the Mignonette makes it indispensable for bouquets and cutting. Will commence blooming in June from the seed. Pkt., 5c.

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Mimulus Tigrinus Hybridus, Monkey Flower—An exceedingly beautiful blotched and spotted hybrid; resembles the *Calceolaria* in the variety of its bright colors. Pkt., 5c.

Mimulus Moshatus, Musk Plant—Yellow foliage and flowers having a delightful musk scent. Pkt., 5c.

Mina Lobata—A charming Mexican climber; scarlet and yellow flowers; a rapid grower. Pkt., 5c.

Nasturtium—See *Tropaeolum*.

Nemophilla, Baby Eyes, or Grove Love—A hardy annual of dwarf habit, producing cheerful blue, violet and white flowers; suitable for edges of borders. Mixed. Pkt., 5c.

Nicotiana Affinis—Bears a profusion of pure white, long tubed and star shaped flowers; sweet scented, especially so after sundown. The plants can be potted and taken indoors, where they will bloom all winter. Pkt., 5c.

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Nigella Damascena, Love in a Mist, or Devil in a Bush—Compact growing, free flowering plant, with curious looking flowers and seed pods. Pkt., 5c.



Monkey Flower.



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Viola Tricolor—Also known by the name of Johnny Jump-Up. Is a half hardy perennial, a favorite with all. A most beautiful combination of colors, and also separate and distinctly marked. Pkt., 5c.

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Petunia Hybrida—A highly ornamental and profuse flowering, easily cultivated, garden favorite; the brilliancy and variety of its colors, and duration of its blooming period, renders it invaluable for planting out in beds or mixed borders.

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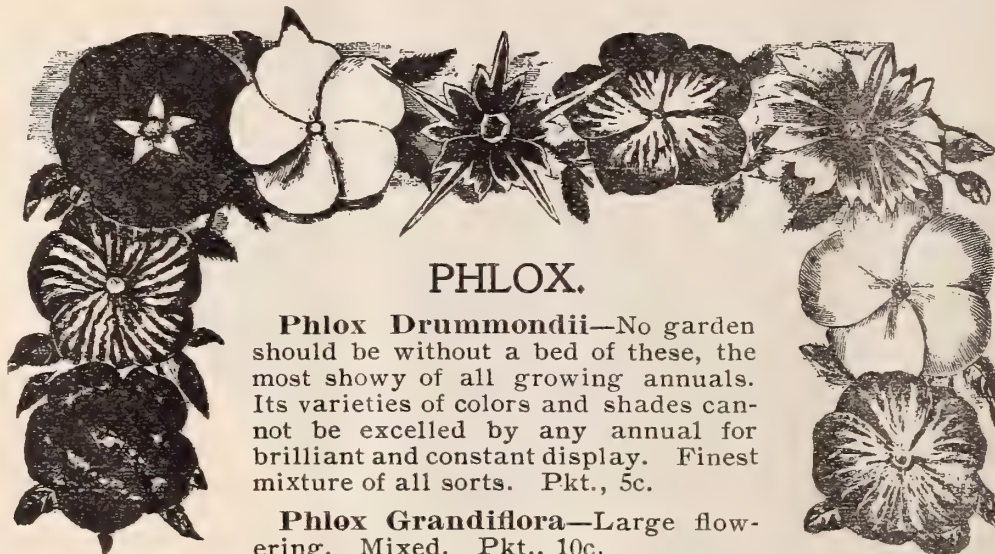
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Phlox Drummondii—No garden should be without a bed of these, the most showy of all growing annuals. Its varieties of colors and shades cannot be excelled by any annual for brilliant and constant display. Finest mixture of all sorts. Pkt., 5c.

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Primula Sinensis (Chinese Primrose)—Beautiful low growing spring flowering plant for borders or pot culture. Flowers are borne in clusters on stalks 4 to 8 inches high. Splendid mixed varieties. Pkt. 20c.

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Salvia, Flowering Sage—Handsome plants, excellent for beds or borders, with long spikes of flowers, which continue in bloom until late in the fall.

Salvia Splendens, Scarlet Sage—Pkt., 5c.

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Salvia, Clara Bedman—Most brilliant, dazzling, scarlet flower. Pkt., 10c.



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Try our Mixed Lawn Grass. Per lb. in 1 lb. cartons, 25c; per bushel of 20 lbs. in bulk, \$3.50.

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Portulacca Grandiflora Fl. pl.—Very handsome, double as a rose, and contains a color and shading unknown in the single. Double mixed varieties. Pkt., 10c.



Salvia Splendens.

Scabiosa Grandiflora (Morning Bride), also Pin-cushion Flower—A well known annual, easy culture, blooms all the season, fine for bouquets. Double. Mixed colors. Pkt., 5c.

Sedum Coeruleum (Stonecrop)—A very useful family of succulent plants, which withstand a degree of drought that most plants would succumb to. They are therefore useful in dry conditions, such as sunny banks and other places where few plants will grow. Blue flowered fine for rock work. Pkt., 5c.

Sedum Coreuleum—Many species mixed. Pkt., 5c.

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SWEET PEAS.

Sweet Peas (*Lathyrus Odoratus*)—May well be called America's favorite, as it is such a popular and easily grown flower that rich and poor alike can enjoy its fragrance and beauty. Our seed was grown by the most prominent Sweet Pea specialists in America and cannot fail to please everyone.

Extra Fine Mixture—Of many different colors. Pkt., 5c; oz., 10c; $\frac{1}{4}$ lb., 20c; 1b., 50c; postpaid.

NAMED VARIETIES AND SEPARATE COLORS.

Adonis—Rose and carmine.
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Apple Blossom—Bright rose and pink.
Alice Eckford—Rich, creamy white, purplish wings.
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Blanche Burpee—Large, pure white.
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Countess of Radnor—Pure light lavender.
Celestial—Delicate lavender blue, wings silvery lavender.
Countess of Aberdeen—Soft pink.
Dorothy Tennant—Deep rosy mauve.
Emily Eckford—Rose heliotrope, wings bluish.
Emily Henderson—Large snow white.
Emily Lynch—Pink and white.
Firefly—Rich crimson scarlet.
Gaiety—Bright crimson striped.
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Igneae—Rich scarlet crimson.
Indigo King—Lovely dark maroon.
Juanita—White, lavender striped.
Lottie Eckford—White, edged with blue.
Katherine Tracy—Exquisite bright pink.
Orange Prince—Orange salmon, wings pink.
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Tagetes, or Marigold.



TAGETES.

(Marigold)

Extremely showy, one to two feet high, well adapted to garden culture, blooming profusely through the season.

Tagetes Patula, Fl.

pl.—Double French Tall. Mixed varieties. Pkt. 5c.

Tagetes Patula—Single French Dwarf. Mixed varieties. Pkt., 5c.

Tagetes Erecta, Fl. pl.—Double Tall African Marigold. Mixed. Pkt., 5c.

MIXED FLOWER SEEDS FOR GARDENS.

A splendid mixture of over 100 sorts of beautiful, free-blooming, hardy flowers, which can be offered at a much less price than when sold in separate packages. Those who cannot give the constant care necessary for finely arranged flower beds, will find the "Wild Garden" a delightful substitute, with its constant and ever-varying bloom. Such a flower-bed is a continual surprise and pleasure, as new varieties and the old garden favorites flower successively throughout the season. Price, per $\frac{1}{2}$ oz., 20c; per package, 5c.

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NASTURTIIUMS.

For Spring Planting.

Tropacolum Canariensis (Canary Bird Creeper)—Very fancy climbing plant. Pkt., 5c.

Tropacolum, Nasturtiums—Showy popular annuals; succeed under any circumstances; heat or drouth does not seem to affect them. They make a very charming effect, intensely bright and beautiful flowers, borne profusely the whole season. Leaves are leathery and dark green.

Tropacolum, Nasturtiums, Tall—Beautiful and luxuriant climbers for trellises and arbors, bearing their sweet scented flowers in great profusion. Extra fine mixed. Pkt., 5c; oz., 15c.

Tropacolum, Nasturtiums, Dwarf—One of the choicest and most popular annuals; forming compact plants; exquisite flowers of all colors. Fine mixed. Pkt., 5c; oz., 15c.



Verbena.

Tropacolum, Nasturtiums, King of the Tom Thumb—A striking and very sweet Dwarf Nasturtium; crimson color. Pkt., 5c; oz., 20c.

Tropacolum, Nasturtiums, Lobb's—They are as easily grown as the common tall Nasturtium, and are far superior in brilliancy of their flowers, in height, rapid growth and freedom of bloom. Also very desirable for winter blooming. Pkt., 5c; oz., 15c.

Tropacolum, Nasturtiums, Madam Guenther's Hybrid—A strain of extra large flowered, elegantly blotched and marked sorts, many different colors and shades appearing among them, all of striking and peculiar beauty, and rich foliage. Mixed colors. Pkt., 5c; oz., 20c.

VERBENAS.

Verbena Hybrida—The Verbena is deservedly a universal favorite, unrivalled in the splendor of its dazzling brilliancy of flower. A constant bloomer, and if grown from seed has a sweet fragrance. Extra choice mixed. Pkt., 10c.

Verbena Hybrida—Good mixed. Pkt., 5c.

Verbena, Mammoth White—This is by far the best and largest of all white Verbenas. Pkt., 10c.

Vinca Rosea, Periwinkle—Highly ornamental, free flowering, compact, greenhouse evergreen shrubs, with shining green foliage and handsome circular flowers. Pkt., 5c.

Zinnia Elegans, Fl. pl.—Dwarf. Double mixed. Pkt. 5c.

Zinnia Elegans—Tall. Double mixed. Pkt., 5c.

FLOWERING BULBS. FOR SPRING PLANTING.



Amaryllis (Jacobean Lily).

Caladium, Fancy Leaved—Will do well planted out of doors after the earth is warm, if in a partly shaded place. Very decorative. 20c each, \$2.00 per dozen.

Calla, California Giant White—Very popular and easily grown. Large bulbs, 20c each, postpaid.

Calla, Black—The wonderful Black Lily of Palestine. Large flowers. Color a clear jet black. A striking oddity. Large bulbs, 15c each, postpaid.

Crinum Kirkii—This magnificent variety produces flowers of the greatest beauty; usually two flower stalks of dark, purplish color are sent up at the same time, each bearing a large umbel composed of a dozen or more of enormous life like flowers of wondrous beauty and fragrance. The petals are broad and pure white, with a deep reddish purple stripe through the center. Extra large bulbs, 50c each.

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Springfield Seed Company's Mixed Lawn Grass, mixed from new crop grasses, has always given a good lawn.

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Amaryllis Formosissima, Scarlet Mexican Lily—This is a grand variety of *Amaryllis*, and one for which we predict a great future. They can be grown in soil, or water and pebbles, like the famous Chinese Lily. When grown in water they will bloom in from two to three weeks time, with little care and attention, producing freely deeply colored flowers. Large bulbs, 15c each, postpaid.

Amaryllis Johnsonii—A grand old sort. Flowers large and very beautiful, deep dark red striped with white. Extra fine bulbs, 40c each, postpaid.

Amaryllis Belladonna Major—Elegant silvery white flowers tipped with rose, of great fragrance and beauty. Large bulbs, 20c each, postpaid.

Begonias, Tuberous-Rooted—This charming class of plants has an almost endless number of varieties and has been greatly improved during the past few years. Bulbs can be started from March to June. Single mixed, all colors, 10c each; \$1.00 per dozen, postpaid. Double mixed, all colors, 15c each; \$1.40 per dozen, postpaid.

Caladium Esculentum, Elephant's Ear—One of the most effective plants in cultivation for planting out upon the lawn. It can be made to produce three to ten handsome leaves, often three feet long and 20 inches wide. You cannot make the soil too rich, or keep it too wet.

First size bulbs, nine inches and over in circumference, 25c each; \$2.50 per dozen.

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Third size bulbs, under seven inches in circumference, 15c each; \$1.50 per dozen.



Crinum Kirkii.

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We recommend Cotton Seed Meal to Market Gardeners as a fertilizer for Greenhouses, Cold Frames, etc. Price on application.

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The Canna has long been considered an almost indispensable plant for flower garden or lawn embellishment. So popular have they become, and so thoroughly are they adapted for bedding purposes, that every summer thousands of them are planted in parks, cemeteries and private places in the country. They are very easy to grow, will bloom all summer, and if potted before frost will grow and bloom during the winter. Plant out of doors after danger of frost is past.



Alphonse Bouvier—Five feet. A grand variety, robust in habit of growth, and an exceedingly free bloomer; color a rich brilliant crimson; foliage deep green. 15c each, three for 40c; postpaid.

Alemannia—Six feet. Green foliage. Giant of all Cannas; produces the largest flowers obtained from any Canna. The outer petals are scarlet, with a very broad golden yellow border; the inside of the bloom is scarlet and dark red. Each, 20c; three for 50c, postpaid.

Burbank—Five feet. The new American Orchid flowering Canna; color a clear, rich canary yellow; gigantic in size and in form, semi-double, toward the inner part of the petals show fine crimson spots. Each, 15c; three for 40c, postpaid.

J. D. Cabos—One of the best dark foliage varieties. Has dark greenish-maroon foliage, with bronze metallic luster; flowers bright orange, or apricot; a very distinct variety; a fine early and late profuse bloomer. Each, 15c; three for 40c, postpaid.

Chicago—Four and a half feet. One of the finest of the red Cannas. Flower stalks stand boldly. Color a deep vermillion. Each, 15c; three for 40c, postpaid.

Chas. Henderson—Four feet. Green foliage. This we consider one of the finest bedding varieties in existence, as it is of compact, vigorous growth, and a free bloomer throughout the season. Heads are very large and symmetrical, and color deep rich crimson. Each, 15c; three for 40c, postpaid.

Disc lor—Eight to ten feet. Its mammoth leaves are of green, marbled creamy yellow, and bordered with rich bronze; flowers small. This is a fine plant for center of beds. Each, 15c; 3 for 40c, postpaid.

Egandale—Height four and a half feet. Considered the best in this class. Purple foliage, strong, compact flower spikes, color currant red. The finest bedding Canna of its color. 15c each, three for 40c, postpaid.

Florence Vaughan—Height five feet. Dark green foliage. A most striking and beautiful yellow Canna, spotted with bright red. Very fine for collection. Each, 15c; three for 40c, postpaid.

Italia, Orchid-Flowered—Five feet. In color the center is of a brilliant red, the outer half of the circumference of each petal being a wide, irregular band of clear yellow, making, with the two colors, a very striking flower. 15c each, three for 40c, postpaid.

Leonard Vaughan—Height five feet. Rich, deep bronze foliage; very strong, robust grower; flowers freely; color bright scarlet without marking, and with very wide petals, measuring $1\frac{7}{8}$ inches. The best dark foliage. Each, 20c; three for 50c, postpaid.

Martha Washington—Height three feet. Green foliage. The most superb pink variety. Flowers very large, the trusses are immense, and the color is pure bright rose; very beautiful and attractive. A most constant and abundant bloomer. 20c each, three for 50c, postpaid.

Madam Crozy—Height three and a half feet. Very large vermillion flowers, border of rich golden yellow. Its splendid coloring and rounded petals make this one of the most popular. A great bloomer. 10c each, three for 25c, postpaid.

Paul Marquant—Four feet. Deep green foliage. Extra large flowers, of a deep salmon color, shaded orange. 10c each, three for 25c, postpaid.

Queen Charlotte—Four feet. A choice variety with green foliage; flowers rich orange scarlet, with gold band. 20c each, three for 50c, postpaid.

Scarlet Flowering Sorts—Many splendid colors. 10c each, \$1.00 per dozen.

Yellow Flowering Sorts—Variegated, banded, etc. 10c each, \$1.00 per dozen.

Many Shades and colors in mixture, three for 20c, 75c per dozen, postpaid.



DAHLIAS.

Set them out the last of May in deep, rich soil and cover almost three inches. Will bloom in August. Dahlias are becoming great favorites everywhere and we cannot recommend them too highly. We know of nothing more showy for table decoration than a well arranged bouquet of long-stemmed Cactus and other Dahlias.

Cactus Dahlia—Large, broad-petaled flowers, most highly prized for decorative purposes. Each, 25c, postpaid.

Pompon or Bouquet—Flowers rather small, borne on long stems, elegant for pot plants or out-door culture. Each, 25c; postpaid.

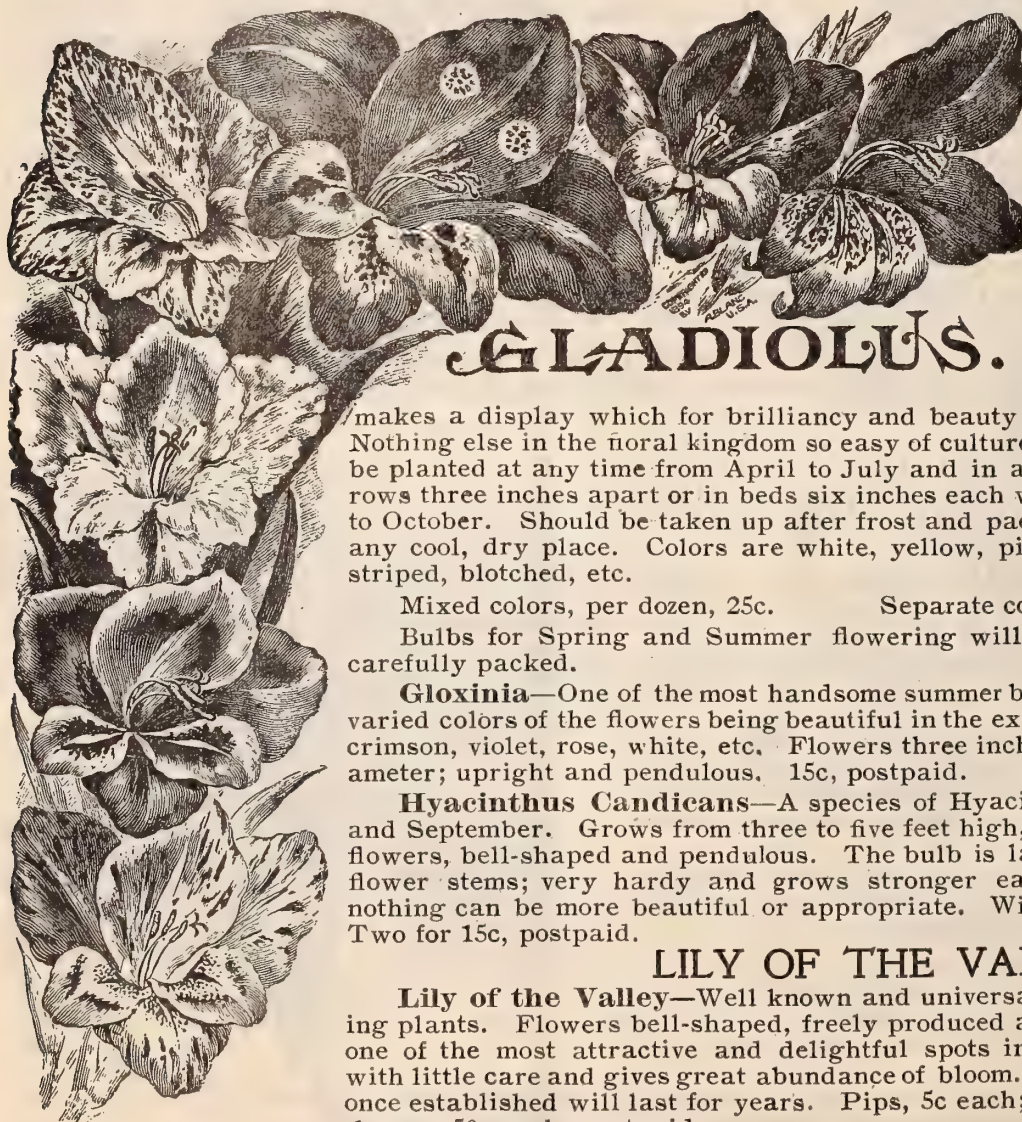
Double-Flowered—Flowers large and globe-shaped, close-petaled, rich in color; plants rather tall. Each, 25c, postpaid.

Single-Flowered—By many preferred to the double varieties. Very early and constant in bloom. Flowers large, any color from white to darkest maroon. Each, 25c, postpaid.

Named sorts and separate colors, 25c each, postpaid.

Note our Special Offer: Any ten varieties Flower Seed, your own selection, for 25c, postpaid.

Try our Mixed Lawn Grass. Per lb., in 1 lb. cartons, 25c; per bushel in bulk, \$3.50.



GLADIOLUS.

makes a display which for brilliancy and beauty of coloring is unsurpassed. Nothing else in the floral kingdom so easy of culture and sure to succeed. May be planted at any time from April to July and in any fairly good soil. Set in rows three inches apart or in beds six inches each way. They bloom from July to October. Should be taken up after frost and packed away in the cellar or any cool, dry place. Colors are white, yellow, pink, scarlet, carmine, violet, striped, blotched, etc.

Mixed colors, per dozen, 25c.

Separate colors, per dozen, 30c.

Bulbs for Spring and Summer flowering will be sent by mail, postpaid, carefully packed.

Gloxinia—One of the most handsome summer blooming plants, the rich and varied colors of the flowers being beautiful in the extreme; some speckled, others crimson, violet, rose, white, etc. Flowers three inches long by two inches in diameter; upright and pendulous. 15c, postpaid.

Hyacinthus Candicans—A species of Hyacinth; blooms during August and September. Grows from three to five feet high, with spikes of pure white flowers, bell-shaped and pendulous. The bulb is large and throws up strong flower stems; very hardy and grows stronger each year. For the cemetery nothing can be more beautiful or appropriate. Will thrive in any situation. Two for 15c, postpaid.

LILY OF THE VALLEY.

Lily of the Valley—Well known and universally admired spring flowering plants. Flowers bell-shaped, freely produced and powerfully fragrant. Is one of the most attractive and delightful spots in any garden. It flourishes with little care and gives great abundance of bloom. Perfectly hardy and when once established will last for years. Pips, 5c each; per dozen, 50c; extra large clumps, 50c each; postpaid.



Auratum.

Brownii—One of the most handsome Lilies. Large, trumpet shaped flowers, usually 10 to 12 inches in length; chocolate purple outside, pure white inside; stamens a rich chocolate brown. Each, 40c.

Candidum—Pure White Garden or Easter Lily. Flowers pure white, hardy and free blooming. Each, 15c.

Tigrinum (Improved Tiger Lily)—Orange salmon, spotted black; very hardy. Large bulbs, 15c each.

TUBEROSES.

The beauty and value of this flower can be but faintly shown either by words or illustrations. Each bulb throws up two or more spikes ten or twelve inches high, each bearing pure waxy white blooms, perfectly double and deliciously fragrant. It delights in a rich, strong, well drained soil; manure, heat and water are very essential to its perfect development. For open ground culture, plant about the middle of May.

Excelsior Pearl—A rich, waxy white, very double, delightfully fragrant. Flowers very large, often twice the size of the ordinary sort, and imbricated like a Camelia. The finest for pots as well as for the garden. Large selected bulbs. Per dozen, 30c, postpaid.

Tall Double—The old and popular variety; splendid for the open ground. Fine open flowers, free blooming. Per dozen, 30c, postpaid.

Peonies—Still the grand old favorites they were fifty years ago. Our stock consists of the newest French and Chinese varieties, with immense double blooms of the most intense yet delicate colors. The flowers are borne in the greatest profusion. For brilliant display of bloom during May and June there is nothing that will equal them. Assorted colors, each, 20c, postpaid.

Cactus—Try our prize collection of Cactus. Five varieties, our own selection, sent by express, not prepaid, on receipt of \$1.00.

HARDY CLIMBERS.

CLEMATIS, Queen of the Climbers.

For small trellises, or piazza pillars, nothing can compare with the Clematis vine. It is a very rapid grower, often reaching the height of fifteen feet during the season. Used often to cover rock-work, stumps, etc. Foliage neat, habit graceful; perfectly hardy. Flowers are beautiful and lasting. Plant at any time from April to June, and deep enough so that the crown of the roots will be three or four inches below the surface. We have three to five-year-old roots only.

LARGE FLOWERING SORTS.

Jackmanii—Flowers a rich, royal purple, the best known. 50c each, postpaid.

Madam Baron Viellard—Light rose with lilac shadings, very distinct. Each, 60c, postpaid.

Miss Bateman—Pure white with chocolate anthers; commences to bloom very early. Each, 60c, postpaid.

Gypsy Queen—A rich, dark, velvety purple, rank grower and a free bloomer. Very attractive variety. Each, 60c, postpaid.

Henryi—Flowers eight-sepaled, pure white and very large. Each, 60c.

FRAGRANT AND SMALL-FLOWERED SORTS.

Crispa—A fine deep blue with a white border, deliciously fragrant. Each, 30c, postpaid.

Flammula—Pure white, blooms in clusters, fragrant. Each, 30c; postpaid.

PANICULATA—A vine of very rapid growth, quickly covering trellises and arbors with handsome, glossy green foliage. Flowers are medium size, pure white, and of most delicate and penetrating fragrance. Very hardy. One of the very choicest varieties. 30c, postpaid.

MADEIRA VINE—The old favorite Climbing Mignonette; tuberous rooted; rapid grower, thick, glossy leaves and hanging stems covered with flowers; white and very fragrant. Does best in a warm, sunny, sheltered location. Large roots, 2 for 15c, postpaid.

CINNAMON VINE—Beautiful summer climber; glossy foliage and fragrant flowers. The stem dies down in winter, but the root is hardy. Each, 10c; 3 for 25c, postpaid.

OUR SPECIAL GRASS MIXTURE

FOR HAY AND PERMANENT PASTURES.



Our Meadow Mixture Compared With Ordinary Grass Crop.

PERMANENT GRASSES—Most of our Southern and Western farmers have not yet learned that a pasture or meadow of mixed grasses is far superior to clover and timothy alone. All authorities agree that for both pasture and hay best results are obtained from the use of grass seeds in mixture. The reasons are that: First, a number of species will secure a much denser growth than the same number of seeds of one or two species, and prove less exhausting to the soil, since they live to large extent on different constituents. Second, seasons that affect some grasses adversely are favorable to other sorts. So that with mixtures a failure is practically impossible, provided, of course, the seed is good. We take great pains in selecting grass seeds, in order to secure the highest germination, and our mixtures are based on a full appreciation of the requirements of the different soils for which they are intended. We have made a study of this subject, and have grass specialists in our employ and can furnish the seed of the best varieties of grasses mixed in proper proportions for any soil or climate. Remember this mixture is for good, clean, open ground. We solicit correspondence either from prospective buyers or those who have tried Pasture Mixture, as we take especial pride in its success. Per bushel of 20 lbs., \$3.00.

WOODS PASTURE MIXTURE.

For new clearings or woods pasture, rough land or stumpy, rocky land in Southern Missouri or Northern Arkansas, we would again recommend our Woods Pasture Mixture. Being especially adapted to lands where straight top seeding is an absolute necessity. Being so proportioned that it catches readily and stays when once a stand is secured from the fact that it contains a good percentage of clover. We are assured from the experience of the past seasons that we have the right idea in regard to this Mixture and cannot recommend it too highly for the purpose. Per bushel of 20 lbs., \$2.00. Sow one bushel to the acre.

ITALIAN RYE GRASS.

It is a wonderfully rapid grower and returns heavy hay crops; very valuable for a quick and abundant pasture, it is particularly adapted for permanent pasture or meadows; stands extremes of temperature and remains green throughout the winter. It is very valuable for sowing with crimson clover, as a catch crop on red clover fields where clover has been winter killed. Our stock is positively pure and carefully re-cleaned. Height from $1\frac{1}{2}$ to $2\frac{1}{2}$ feet. 20 lbs. to the bushel, 40 lbs. to the acre. Prices on application.

SPRINGFIELD SEED COMPANY'S MIXED LAWN GRASS.

The reputation of our Mixed Lawn Grass is gaining more every year, and demonstrates fully that the customers prefer quality, at a fair figure, rather than quantity at a lower price. Our Lawn Grass has never failed, where properly and sufficiently seeded. Give our Lawn Grass Mixture a little space and you will be convinced that it is the want of our customers and the results most satisfactory. Price, per lb., postpaid, 30c; per bushel of 20 lbs., freight or express, \$3.50.



Italian Rye Grass.

FIELD AND FARM SEEDS.

Our Field and Grass Seeds this year will be of the same superior quality we have always maintained. Our Seed Corn and Oats will be of best quality, selected with the best of care as to purity and germinating properties, carefully cleaned and intelligently handled. Our cleaning facilities are the best and most complete in this section, enabling us to execute orders for Grass and Field Seeds properly and promptly.

DAIRY FARMER'S GRASS MIXTURE.

Dairy farmers particularly desire to take a crop of hay off the meadow and have the aftergrowth for pasture, and where the natural grasses are carefully selected with this object in view, this can be successfully done. This mixture is composed of tall, quick-growing grasses for mowing, after which the dwarf-growing varieties will cover the ground and furnish grazing until late in the fall. This mixture consists of the best varieties of clover and grass seeds, as Red Clover, Alsike, Orchard Grass, Rye Grass, Tall Meadow Oat Grass, etc. It is a special mixture which will please everyone. Sow 20 lbs. per acre on ordinary soils, Per lb., 25c; 3 lbs. 65c, postpaid. By freight, 22 lbs., \$2.50; 50 lbs., \$4.75; 100 lbs. \$9.25.

SPRINGFIELD SEED COMPANY'S FAMOUS KENTUCKY BLUE GRASS SEED.

(Our stock is pure Kentucky grown.)

One of the most widely known valuable natural grasses, exceedingly popular in some sections of the country as a pasture grass. It is very productive and unusually early in spring, furnishing delicious food for all kinds of stock. It is not easily affected by frost or drouth. We have a very superior article of the grass, which can not be beaten, and are sure that our customers and farmer friends will be highly pleased with the result of a purchase from us. Blue Grass makes the sweetest and best of hay. Height, nine to eighteen inches. 14 lbs. to the bushel; two bushels to the acre. Price on application.

BERMUDA GRASS—A magnificent grower and most valuable grass for lawn. Well adapted for the Southern and Western states. It withstands heat and drouth wonderfully well; is valuable for hay and pasture and unsurpassed for lawns. It is of dwarf habit, with long, creeping stems, rooting at the joints and covering the ground with a matting of fine turf, which no amount of tramping will impair. When once established it will make a permanent lawn. Price, per lb., \$1.00.

RED TOP (Fancy re-cleaned seed)—A well known and very valuable pasture grass. It makes excellent hay. Grows on almost all soils, but does best on moist lands. It is perhaps the most perennial grass we have, and enters largely into the composition of our best natural pastures, remaining green for the largest part of the year. We can offer this stock, clean from chaff, which is absolutely pure. 14 lbs. to the bushel. Sow 14 lbs. to the acre. Prices on application. Write for samples.

PRIME RED TOP, or Chaff Seed—For description see Fancy. Price on application.



Mixture for Top Seeding.

MIXTURE FOR TOP SEEDING.

For rough timber land, especially where land is high and subject to drouth. Containing some twenty different grasses and makes an all year round pasture for your horses and cattle as well as your hogs and sheep. Ask those of your neighbors who tried a few acres last season and we know you will give it a trial, which means good results for you and more business for us next year. Sow one and one-half bushels to the acre. Price per bushel of 20 lbs., \$1.00.

EMMER.

A remarkable new grain introduced and brought into use by the German-Russian farmers of the Dakotas. Is highly recommended for culture in semi-arid regions. Is very valuable for fodder or used as forage, and is greatly improved by crossing with wheat. Per lb., postpaid, 15c; 100 lbs. by freight, \$6.00.

Our equipment for cleaning Grass Seed is the best in the West, and we take especial pride in putting on the market the finest grades to be had.

We are desirous that our customers call on us when in the city. We will show you the most complete Seed House in the West, and will try to make your visit a pleasant one.

WRITE FOR PRICES ON BULBS, ROSES AND PLANTS FOR SPRING AND SUMMER FLOWERS.

Flower Seeds, one 5c pkt., 10 varieties, for 25c, postpaid.



Orchard Grass.

ORCHARD GRASS—The most widely known of all our grasses, and is undoubtedly the king of them all. It is of exceptional value for permanent pasture and hay crops. It is very early, coming in ahead of all other grasses. Recovers quickly after being cut, and endures close cropping by cattle. Throughout the great Southwest the stockman, the dairyman and the farmer have recognized the value of same. Stands the drouth, also severe cold weather well. Sow two bushels to the acre. 14 lbs. to the bushel. High grade re-cleaned seed. New crop. Price on application.

TIMOTHY—This variety is more used than all other tame grasses. We are headquarters for the very best re-cleaned seed to be found in the South and Southwest. Our equipment for cleaning Grass Seed has no equal, and we take especial pride in putting on the market the finest grades to be had.

BROMUS INERMIS—Most everyone admits that this is the most valuable new grass which has been introduced into this country. It has proven satisfactory wherever it has been tried. The U. S. Agricultural Department, also some of our best grass specialists,

have recommended it very highly. It grows from 18 to 36 inches in height, and can be cut two to three times per year. It is very desirable as pasture grass. Per lb., post-paid, 20c. Price on large lots on application.

JOHNSON GRASS—A perennial grass, with cane-like roots, very desirable for rough, rocky and wet land; very valuable for winter grazing; it makes an elegant hay, within six months. 25 lbs. to the bushel. Sow 20 lbs. to the acre. Price on application.

CRESTED DOG'S TAIL—A fine dwarf-growing evergreen grass, adapted for hard, dry soils and hills pastured by sheep. Lb., 35c.

CREeping BENT GRASS—Resembles Red Top. Does best on wet, marshy soils. Lb., 35c.

SHEEP'S FESCUE—Excellent for sheep pastures. Short and dense in growth; very valuable for grass lots. Lb., 30c.

HARD FESCUE—Grows taller than Sheep's Fescue. Well adapted for meadows. Very hardy and early. Lb., 30c.

TALL MEADOW OAT GRASS—Very early and a luxuriant grower, for early and late growth, and can be cut frequently. Lb., 25c.

WOOD MEADOW OAT GRASS—A variety growing naturally in shady places and moist, rich soils. Lb., 60c.



Timothy.



Tall Meadow Oat Grass.

ANNUAL SWEET VERNAL—Fine for all mixtures. Imparts a sweet fragrance which is liked by all kinds of stock. Very rapid growth. Lb., 40c.

PERENNIAL SWEET VERNAL—Very hardy and sweet. Lb., 90c.

MAMMOTH RED CLOVER, also called Sapling or Pea Vine Clover—It resembles the Medium Red. but is much taller, and of a more vigorous growth. The stems are so large and coarse that it is not valued for hay, but nothing equals it for hog pasture, as it will produce an enormous yield, of the highest feeding quality. It is also admitted to be the best fertilizer and subsoiler of all Clovers. If your soil is poor and needs enriching, there is no fertilizer so cheap and good as sowing Mammoth Clover. It is the article for poor soil. 60 lbs. to the bushel. 10 lbs. to the acre. Prices on application.



Mammoth Red Clover.

ALSYKE, or Swedish Clover—

This is the hardiest of all Clovers. Well adapted for permanent pasture or hay crop. It is a true perennial, producing three good crops the first year and every year thereafter. It thrives equally well on dry or wet soil, or on Clover sick land, and yields a heavy bulk of herbage, when other Clovers fail. Is very much liked by cattle or sheep, and an excellent honey producer. The seed is small, therefore it only requires 6 lbs. to the acre. Sow in Spring or Fall. Write for prices.

MEDIUM RED CLOVER, or June Clover—The kind usually used for seeding pastures, meadows, and for mixed grasses, principally sowed with Timothy. This variety we carry generally in three grades, and will furnish prices on application.



Alfalfa.

where tried. Sow 10 lbs. to the acre. Prices on application.

WHITE DUTCH CLOVER—Very desirable for pasture, also used largely for lawns, and is used with excellent results in all mixed grasses, where permanent grazing is desired. Seed is very small, and requires only 6 lbs. to sow an acre. Prices on application.

SANFOIN CLOVER, also called **Espersette**—A deep rooting perennial, desirable for feeding, either green or dry, to milch cows. It increases quantity and improves quality of milk. A very good fodder plant. The seed is usually sown with oats or barley, using 30 or 40 lbs. of seed to the acre. 20 lbs. per bushel. Prices on application.

SAND VETCH, or **Winter Vetch**—Succeeds and produces good crops on poor, sandy soil, as well as good land. A comparatively new forage plant, which has proved of the highest value and is highly recommended by the U. S. Agricultural Department. It is perfectly hardy throughout the United States; remains green all winter. Should be sown in the spring, mixed with oats, spring rye or barley. It is the earliest crop for cutting, being hardier and nearly a month earlier than Scarlet Clover. Sow one bushel per acre, with one-half bushel of rye, oats or barley. Lb., 25c; 3 lbs. 60c, postpaid; 10 lbs. \$1.00; 1 bushel, 60 lbs., \$4.00, by freight or express,



Sanfoin Clover.

TEOSINTE—A fodder plant grown largely in some parts of this country, resembling corn in appearance; leaves are much longer and broader; the stalks contain sweeter sap. It is a most elegant green food for horses and all kinds of stock through the summer. It makes a good dry fodder, yielding enormously and being more nutritious and better relished than corn. It stools out after being cut. Sow in May or June, at the rate of three pounds to the acre, in drills four feet apart. Pkt., 10c; oz., 15c; 1/4 lb., 30c; 1 lb., \$1, postpaid.

BUCKWHEAT, Japanese—This new variety has been raised here with good results. It is very early and very productive, yielding as high as 40 bushels to one-half bushel of seed. The kernels are twice the size of any other buckwheat, a rich dark brown color, and manufactures a superior flour. Ready for cutting a week earlier than Silver Hull. Write for price



White Dutch Clover.

SWEET CLOVER, also called **Honey Clover** (Bokhara)—A tall, shrubby plant, bearing innumerable small white flowers. Very valuable for bees. Both leaves and flowers have a delightful fragrance. Bee keepers should not be without it. Lb., 40c.

CANADA-FIELD PEAS AND OATS, for Fodder—This makes a fodder and hay which in every case doubles the production of milk. The Canada Field Pea is the best for this purpose. They should be sown early in April, two bushels of peas and two bushels of oats to the acre. The peas should be sown first and plowed under about four inches deep, the oats then sown and harrowed in. They will be ready for cutting about July 1st, when the oats are in milk and the pods formed on the peas. Prices on application.

You get the same service by mail that you get at our counter.

Like Produces Like. Good Seeds, Good Results



Teosinte.



BUCKWHEAT, Silver Hull—An old standard sort that ripens earlier than the common varieties of Buckwheat; also is a heavy yielder on all kinds of soil, and seldom affected by drouth. The berry is of a light gray color and the flower is white and more nutritious than that made of a common sort. There is a steady demand for this kind every year, and can be relied upon to produce a good crop in any ordinary season. Price on application.



White Lincoln Oats.

BUCKWHEAT, Common—The old well known sort. All Buckwheats are excellent for bees, producing good honey during the fall season.

WHITE LINCOLN OATS—Our customers know the superiority of this variety, and where introduced it has given the very best results, as to its wonderful productiveness. It has yielded as much as 162 bushels from a single bushel of seed sown. We have this variety grown for us especially for seed purposes, which is kept pure and free from mixture. It has a remarkably stiff straw, standing up well on all kinds of soil. Is very early, and so far proven entirely rust proof. Those who are not familiar with this kind would do well to buy a few bushels of Lincoln. Price on application.

Merchants not receiving our Wholesale Price Card of Field Seeds, Grass Seeds, Onion Sets, etc., are requested to write for same. We give you prompt service and save you freight

WALLACE OATS—A yellow, extra early Oat, well known in our immediate section. In fact, it originated with one of our prominent farmers, from whom we secure our stock. Write for prices.

On request, we will also quote prices on the following varieties: **Texas Red, White Russian, Red Rust Proof, White Belgian and Golden Giant Oats.**

CHAMPION BEARDLESS BARLEY—A new, very superior, early variety; the earliest known, about ten days ahead of all other kinds. A good yielder. Can be handled as easy as oats. Sow one and one-half bushels to the acre. 48 lbs. to the bushel. Prices on application.

We also can quote prices on the following sorts: **Man-sury, White Hull and Common Barley.**

BROOM CORN—There are many farmers who might make this a very profitable crop. An acre will yield about five hundred weight of brush, and nearly 40 bushels of seed, worth nearly as much as oats for feed. We have a superior strain of Improved Missouri Evergreen, the same we have offered for the past two seasons, and which has given the very best results, viz: Brush of good length, fine and straight, fine color, and always preferred on the market. 40 lbs. to the bushel. 8 to 10 lbs. to the acre. Prices on application.



Kaffir Corn.

KAFFIR CORN—An excellent forage crop, also largely used for fodder, and the seed crop always commands a ready market. An excellent substitute for buckwheat and used a great deal for cooking purposes. Plant stocky and erect in form, and stock will eat it as well as corn. It grows 4 to 6 ft. high, generally grown in drills. 50 lbs. to bu. Sow 12 lbs. to acre. Use 2 qts. when planted in hills. The white seeded is best for all purposes. **White or Red Seeded.** Price on application.



Broom Corn

POP CORN—We always give you a market for your Pop Corn, if not mixed.

AUSTRALIAN SALT BUSH—This forage plant, which was introduced a few years ago from Australia, has been grown here with the very best of results, and everyone who has tried it speaks very favorably. It is well adapted for alkali soils. The yield is about 20 tons of green fodder to the acre, which will make five tons of hay. One plant will cover 200 or 300 square feet in one season, covering the ground with a matting from six to eight inches thick. It remains green all winter. Sow broadcast in well pulverized soil. Mix seed with ten times its weight of loam, sand, ashes and plaster; cover lightly. Can be sown in a hot bed or cold frame and be transplanted when two inches high, or sow in rows, eight inches apart in the row and the rows 12 to 20 inches apart. Pkt., 10c; oz., 15c; $\frac{1}{4}$ lb., 35c; 1b., \$1.25, postpaid.



German Millet.

GERMAN MILLET—No other grass or forage plant has been able to produce the enormous yield of this plant. It has become the most popular and generally used for all purposes; produces from four to five tons of hay to the acre, and from 60 to 70 bushels of seed. After the harvesting it leaves the ground in a fine condition for wheat. 50 lbs. to the bushel; sow from 25 to 30 lbs. to the acre. Price on application.

MILLET, Common—It is an annual grass, with tender, juicy and luxuriant leaves. Very much relished by all kinds of stock. Makes good hay. Sow 35 lbs. to the acre.

HUNGARIAN MILLET—Can be sown somewhat later than other varieties and is well adapted to dry seasons. It resembles Millet very much, is of finer growth and makes an excellent hay. Sow 25 lbs. to the acre. 48 lbs. to the bushel. Prices on application.

HOG MILLET, or Manitoba—Has proven itself to be one of the most valuable Millets grown for hog pasture. Seed about double the size of German Millet. It is very rich, and especially valuable as a hog food. It ripens about two weeks earlier. Grows about four feet high. Sow 25 lbs. to the acre. Price on application.

SIBERIAN MILLET—A new and very prolific variety. Resists drouth, chinch bugs do not care for it, it stools abundantly, consequently a very heavy cropper. Hay much finer, stalks more elastic and growing much taller than German Millet, and only requires 20 lbs. of seed to the acre.

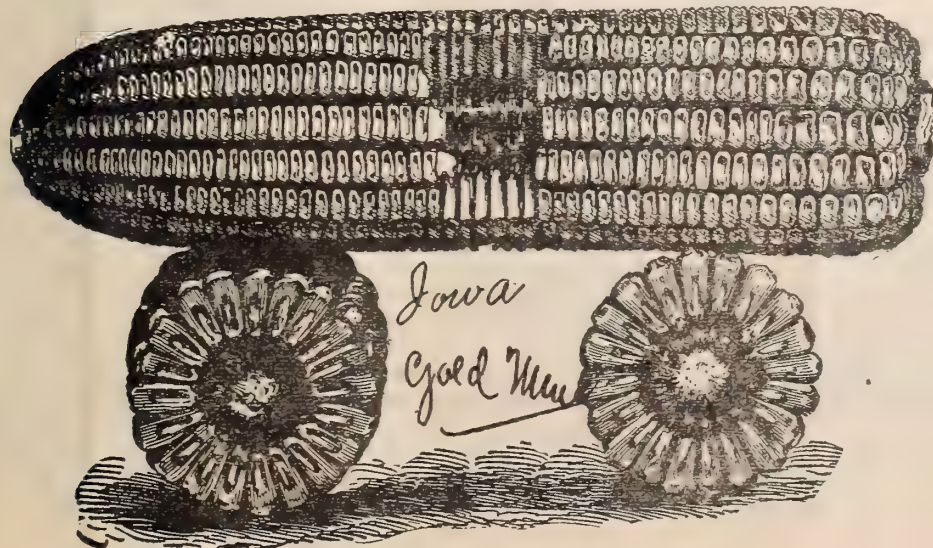
CANE, Orange—A well known variety, well adapted for the South and West. 10 to 15 days later than Early Amber; equally as good for syrups. Write for prices.

CANE, Early Amber Sugar—All kinds of stock are exceedingly fond of it, and nearly every farmer over the country realizes that it is one of the best green fodder plants that can be procured. Its earliness adapts it to almost every section of the country, and its enormous yield, often reaching 25 to 30 bushels of seed, and as high as 150 to 225 gallons of syrup per acre. It is of dwarf habit and early maturity. Cattle will eat the fodder much cleaner than some of the larger growing varieties. Has been known to yield fifty tons to the acre. For fodder sow broadcast or drill at the rate of one and one-half bushels to the acre. 50 lbs. to the bushel. Price on application.

DWARF ESSEX RAPE—The demand for this most profitable forage plant is increasing every year. It gives the greatest satisfaction. Easily grown, and unsurpassed as a forage plant for hogs and sheep, they relish it and prefer it to any other pasture during the summer and early winter. Can be sown early in the season to provide for early pasture for sheep or swine; can also be sown on stubble in June, July or August. Our seed is the true sort, imported by us direct from reliable growers in Europe. Price by mail, 1b., 25c; by express or freight, 15c 1b.; 10 lbs. 90c; per 100 lbs., \$8.00. Sow 5 lbs. to the acre. For further information see page 23.

SELECTED SEED CORN.

Iowa Gold Mine—This grand variety is an improved strain of Pride of the North. It is early ripening, being much larger but a little later. The ears are of good size and shape and of a bright golden yellow color. It has been a favorite among stock feeders, from the fact that the cob is small, grain soft and very deep. Seventy pounds of ear corn will make sixty pounds of shelled corn.



Amber Cane.

Improved Leaming—90 Day Corn. This is one of the earliest varieties of Yellow Dent Corn in cultivation, with an established reputation as a wonderful cropper. The ears are large and handsome, with deep, large grain, orange yellow color and red cob, producing two good ears each. Leaming has been known to yield 125 bushels to the acre.

Improved Golden Beauty—For general planting we know of no other variety that will give better satisfaction than the big, handsome Golden Beauty. It is the largest grained Dent Corn in cultivation we have seen. The ear is perfect in shape, with ten to fourteen straight rows of golden yellow grains, cob small, and is sure to please every farmer who grows it. The heaviest cropper we have ever handled.

Legal Tender—A new large yellow Corn, with excellent heavy ears, deep grain and small cob. This variety is also called Premium Taker, and we can justly say that no other variety grown has taken the number of premiums at state and county fairs as this sort. It has from 16 to 20 rows, matures in about one hundred and ten days.

Iowa Silver Mine—90 Day Corn. Stalks grow to a height of seven to eight feet and set the ears about three and one-half feet from the ground. It has not a large growth of fodder, having been bred essentially for grain, though it has plenty of blades to support the growth and is as well rooted as any corn grown. The ears measure from ten to twelve inches in length and often weigh over 1½ pounds. They are uniform in size and shape, with sixteen to twenty straight rows of deep, pure white kernels, on small white cob. It is ready for the market earlier than any white corn grown. Seventy pounds of this corn in the ear will make sixty-two pounds shelled.

Champion White Pearl—Matures in 100 days. The ears are of good size, 16 rows, and very heavy. Has proven itself to be a good Corn to withstand heat and drouth. The grains are pure white, very deep, compact and heavy; two grains will more than span the cob, which is very small. By a test 70 ears weighed 87½ pounds, of which the cobs alone weighed only seven pounds. It makes a superior quality of corn meal and grades No. 1 white in any market.

Hickory King—A grand old time variety, especially fine for milling purposes. The smallest cob compared with the size of the ear of any corn grown. It yields greater, and is unquestionably the most productive white field corn. A single grain will completely cover the end of the cob when broken in half. It shells and shucks easily, and will make more shelled corn to a given bulk of ears than any other variety.

Prices on all Varieties of Seed Corn Furnished on Application.

WHITE BRANCHING DHOURA (White Milo Maize)—A valuable forage plant, is well adapted to drouth and thrives when corn is suffering. Use four to five pounds to the acre. Lb., 10c; 10 lbs., 75c; bushel, \$3.50.

JERUSALEM CORN—A sure grain for dry soils; grows about three feet high and forms one large head on the main stalk, besides making several small side shoots. Grain pure white and almost flat in shape. Sow four to five pounds to the acre. Price on application.



Soja Bean.

excellent fertilizing plant for plowing under.

Should be planted in rows about four feet apart, and one foot apart in the row, putting two or three Beans in each place. Beans grow in huge clusters, from 15 to 20 pods, and often more, in a single cluster, and over 1,000 beans on a vine.

SOJA BEAN (Coffee Berry)—During recent years this variety has been largely sold under the name of German Coffee Berry. The berries, or beans, ripen in about four months from the time of planting, and produce a crop of twenty to thirty bushels to the acre. Its great value, however, is as a forage crop, for fertilizing the soil, and for pasturing or feeding the green fodder. The dry beans, roasted and ground, resemble and taste very much like coffee. Prices on application.

COW PEAS—Highly valued in the South for a forage crop; in fact, it is to the South what clover is to the North. The crop can be used to best advantage by cutting and feeding while in a green state; its feeding qualities are very high and as a soil renovator and fertilizer it is quite equal to clover. The dry peas ground make a very rich food for cattle. Sow either broadcast or in drills, covering the seed from two to three inches, plant after the ground is warm, as the peas rot very readily in cold wet soil. When sown broadcast use from one to two bushels of seed to the acre. If in drills, half the quantity is enough. We make a specialty of Cow Peas, and will supply this season almost all the known varieties. The standard sorts are Black, Clays, Black-Eyed and Whippoorwill, but for all purposes the Whippoorwill leads them all. Prices on application.

VELVET BEAN (Dolichos Multiflorus)—This new Bean is becoming very popular in the South and Middle North. It is very prolific, vines being over 20 feet long. Both vines and pods are eaten by all kinds of stock. An

BIRD SEEDS.

All re-cleaned and improved by special machinery. Prices variable. If wanted by mail add 8c per pound for postage.

Canary (Sicily)—Lb., 10c; ½ pk., 40c; pk., 75c.

French Bird Millet—Lb., 15c.

Vetches for Pigeons—Lb., 8c; ½ pk. 35c; pk. 70c.

Lettuce—Oz., 5c; lb., 30c.

Sunflower—Qt., 10c; ½ pk., 60c; pk., \$1.00.

Hemp—Lb., 10c; ½ pk., 40c; pk., 75c.

German Rape—Lb., 10c; ½ pk., 45c; pk., 85c.

Mixed Bird Seeds—Lb., 10c; ½ pk., 40c; pk., 75c.

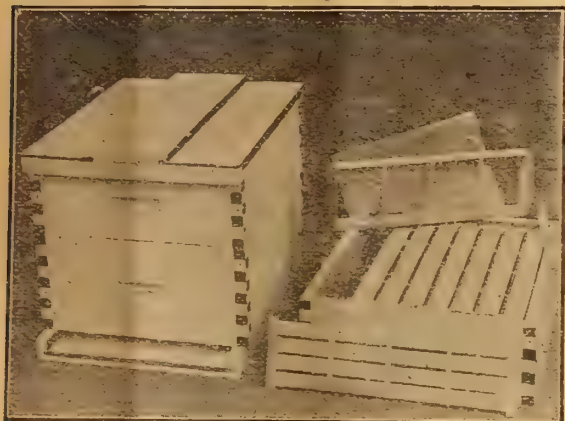
Unhulled Rice—Qt., 20c; ½ pk., 60c; pk., \$1.00.

In shipping Field Seeds, where seamless bags are used, we make an extra charge of 18c each.

Owing to frequent market changes in prices of Field Seeds, Seed Potatoes, etc., we are unable to make definite prices on larger quantities in this catalogue. If our friends will write us, sending a list of their probable requirements, we shall be glad to quote our lowest prices by mail.

BEE KEEPERS' SUPPLIES.

We take pleasure in notifying our friends that we are headquarters for all kinds of Bee Keepers' Supplies, and can fill all orders on short notice. Our list includes a full line. If you have not been a customer heretofore, a trial order will convince you that it will be to your interest to become one.



Danzenbaker Hive.

THE DANZENBAKER HIVE—This hive is rapidly gaining favor, especially in the Eastern States, where tall sections and closed-end frames are used to a considerable extent. And within the last year or so the Danzenbaker system has been working its way into California, Oregon, and even into Cuba. At the Paris Exposition the hive was awarded a gold medal, and in some of the honey exhibits in this country the comb honey from it has carried off the first prize.



Combined Bottom-Board and Hive Stand.

COMBINED BOTTOM-BOARD AND HIVE-STAND—We put this out last season, and it has proven to be so popular that we are glad to recommend it as being one of the best bottom-boards we have sold. The floor proper slants from the rear to the front, making, besides a wide entrance, a space under the frames, that varies all the way from $\frac{7}{8}$ at the front to $\frac{3}{8}$ inch at the rear. With this device it is not necessary that the hives shall stand slanting forward. If the hive is set level the water will run out at the entrance. Hives with this style of bottom-board cost 5c extra. But they save the expense of hive-stands, bricks, or pieces of scantling, for this bottom-board can be set right on the ground.



Fig. 312. Danz. A. D 5—Hive. A. E 5—10 Hive. A. E 15—Jumbo.

OUR THREE DEPTHS OF DOVE-TAILED HIVES—In the illustration (Fig. 312) there is first a Danzenbaker brood-nest, which is nothing more nor less than the 10-frame Langstroth hive cut down in depth so that the brood-nest is only $7\frac{7}{8}$ inches. Next we have a Langstroth of standard depth, or $9\frac{5}{8}$ inches, and last the Langstroth of extra depth, or what we shall call the "Jumbo Hive," all taking the same supers, same covers, and same bottom-boards, the only difference being in the brood-frame. While some large-colony advocates may prefer two Danzenbaker hives, one on top of the other, others will prefer that the bees be confined in one large brood-nest. So we believe we are able to accommodate not only all kinds of localities, but Bee-Keepers of every shade of opinion.

DIFFERENT STYLES OF SECTIONS.

Style 1—Open top and bottom, has been the most common pattern.

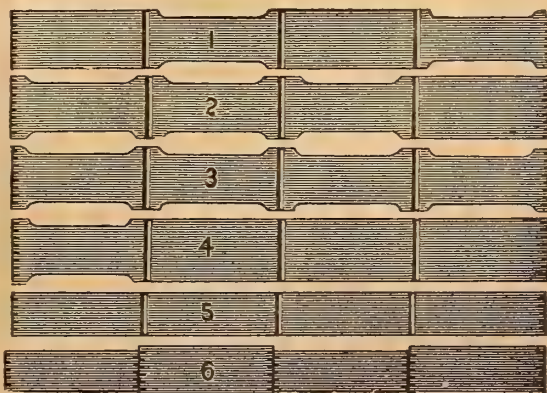
Style 2—Open three sides; highly recommended.

Style 3—Open on four sides.

Style 4—Closed top, is open on one side only.

Style 5—Plain, no beeway, used with fences or cleated separators.

Style 6—Dovetailed all around and open top and bottom.



Sections.

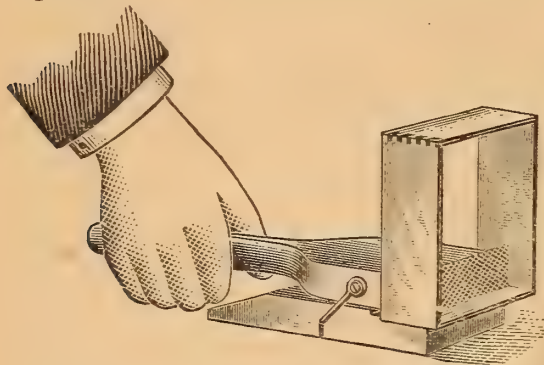
Try our Mixed Lawn Grass. Per lb. in 1 lb. cartons, 25c; per bushel in bulk, \$3.50.



Bee Entrance Guard.

left on the outside, and then destroyed.

THE CORNELL BEE SMOKER—This is a first class reliable smoker at a medium price. It is of good capacity, 3¼-inch barrel, strongly made and well finished. The top is hinged, so that it can be thrown back (see dotted lines in the cut) and the fire cup replenished without burning the fingers. The hinge is of light malleable iron and the working parts are milled to an exact fit, so that the curved snout will fall back squarely in position.



Parker's Foundation Fastener.

ing in hot water. We prefer, however, for larger work, to cut a board the size wanted and lay it on a pile of half a dozen sheets or more, then, with a very sharp, round-pointed knife, cut with repeated strokes round the board. If the wax is of a proper temperature, and you keep your tool lubricated, you can, with practice, do it rapidly and nicely.

BINGHAM UNCAPPING KNIFE.

This style of knife is altogether the best for uncapping. It is made of the best American steel, and as the cap catcher is not used, no holes are provided for holding it. We keep three styles of Honey Knives, the Novice, the Quinby and the Bingham.



Bingham Uncapping Knife.

MANUM'S SWARM CATCHER.

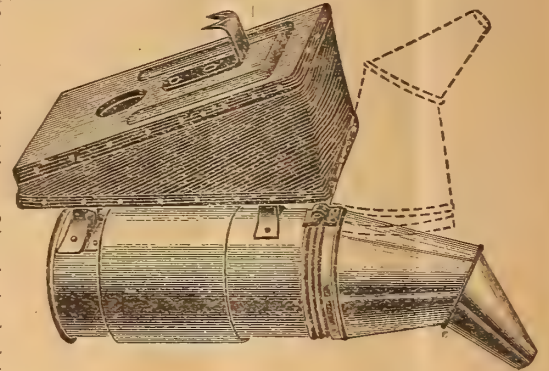
We have examined and tested many swarm catchers, but have never found anything that would begin to compare with the Manum. It is simply a wire-cloth basket with a lid. To hive a swarm whose queen is at large with the bees, open the basket as shown, push it up around the cluster of bees, jar the latter from the limb, and close the lid by raking it against a lower limb, so as to throw it over on top. Half or two-thirds of the bees will be in the basket. Adjust the legs of the tripod so that the basket will be suspended in the air where the bees are flying the thickest. Attracted by the bees inside, they will cluster on the outside of the basket. While the bees are clustering, prepare the hive, if you have not already done so.

This done, go back to the catcher, which you will find has caught all the bees. Very gently lift up the two front legs of the tripod, fold them against the main bar, and then carry the whole to the empty hive, invert the basket and dump. Close the hive and the thing is done. This device will reach a swarm 20 feet from the ground. It is light and easily handled. After the bees are once in the basket they cannot escape, and the prisoners will draw the others. The great feature of the device is that it will stand alone and hold the basket where the bees are flying the thickest, without anyone holding it, while the apiarist in the meantime is preparing a hive elsewhere.

VEILS TO PROTECT THE FACE—Our veils contain 1½ yards of the best material for the purpose. They are well made, with rubber cord in the top to fit around the hat, and the lower edge is bound to prevent fraying. Three kinds of material are used. The hat shown in Fig. 74 is a light cloth, with wire in outer edge of brim, and rubber cord in inner edge, making it adjustable to any size of head. The higher priced veils are, of course, the best, but we can suit the pocketbooks of all.

WILL QUOTE PRICES ON APPLICATION.

BEE ENTRANCE GUARDS OF TINKER ZINC—They are regularly furnished 12 inches long to fit between the side rails of the eight frame bottom board. We can also supply them 14½ inches long, to fit the ten frame hives, at same price, when so ordered. Old style guards of Root zinc supplied at 75 cts. for ten, but we cannot recommend them in comparison with the improved ones of Tinker zinc. When in use they are placed in front of the entrances for various purposes. They may be used in swarming time to prevent the queen from going out, or on the hive whose drones are not such as one wants to breed from during queen-rearing. They may be used for ridding the hive of undesirable drones by placing on the hives and shaking all the bees in front, allowing the workers to pass in, while the drones are



Cornell Bee Smoker.

PARKER'S FOUNDATION FASTENER

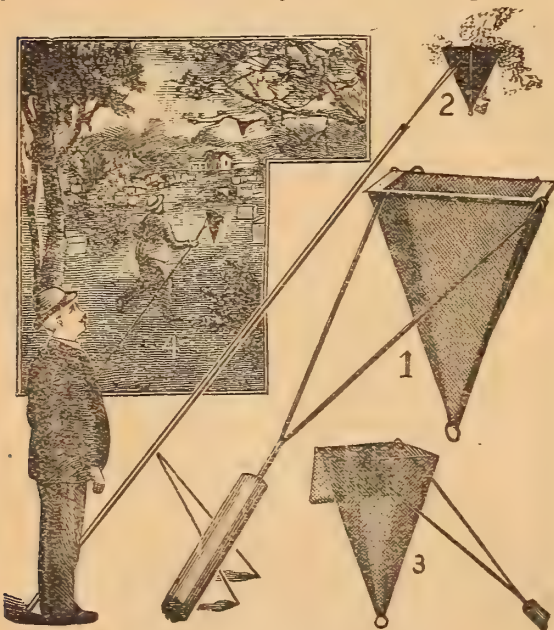
Directions for Using—Fasten machine to a bench or table, put a little honey on point of lever where it touches the foundation, slide box under lever against stop, put foundation under ⅛ inch, raise back end of lever, slide lever off the foundation. This movement fastens it firmly to the box.

CARLIN'S FOUNDATION CUTTER

These are very convenient for cutting a great number of small pieces, one sheet at a time. The wheel should be kept hot by occasionally immersing in hot water. We prefer, however, for larger work, to cut a board the size wanted and lay it on a pile of half a dozen sheets or more, then, with a very sharp, round-pointed knife, cut with repeated strokes round the board. If the wax is of a proper temperature, and you keep your tool lubricated, you can, with practice, do it rapidly and nicely.



Foundation Cutter.



Manum's Swarm Catcher.



Veil.

FERTILIZERS.

A Few Important Pointers.

The labor of growing 35 to 40 bushels of wheat to the acre is no more than if the yield is only ten bushels, and the same is true of all other crops. Fertilizers increase the yield. Every crop which pays for cultivation on rich soils may be profitably fertilized on poorer soils. Land worth \$50 00 per acre should at 6 per cent pay \$3.00 per year interest on money invested, beside good returns for labor bestowed, while land worth \$10.00 should pay at same interest rate only 60 cents. The difference in interest, \$2.40, applied in well selected fertilizers annually, or three times this amount, \$7.20, every third year, will make the poor soil as fertile as the other, and in many cases much more so. This, of course, applies without reference to kind of crop. The most profitable gain from fertilizing comes, however, from crops which possess the greatest money value.

We offer, subject to market changes, F. O. B. Springfield:

Fine Ground Bone	\$28.00 per ton, \$1.50 per 100.
Acidulated Bone and Potash.....	\$25.00 per ton, \$1.40 per 100.
Potash Grower	\$24.00 per ton, \$1.40 per 100.
Land Plaster	\$20.00 per ton, \$1.25 per 100.
Ammoniated Bone, Blood and Potash.	\$25.00 per ton, \$1.40 per 100.
Guano.....	\$26.00 per ton, \$1.50 per 100.
Coarse Ground Beef Bone	\$30.00 per ton, \$1.60 per 100.

Write for our Hand Book on Fertilizers.

FOOD FOR FLOWERS.

Springfield Seed Company's Extra Preparation.

A composition of high merit, manufactured by us, which we highly recommend as one of the best articles ever introduced. It is a most useful fertilizer for plants, and especially adapted for flowers. It produces a rapid and vigorous growth and helps to produce an abundance of flowers, and is also a great insect destroyer. Put up in original fancy packages; each package contains full directions. Package, 25c and 50c.

Manufactured by the Springfield Seed Company.

EASY GARDEN CULTIVATOR.

IT DOES ITS OWN TALKING.

The only Cultivator that all propelling force goes direct to wheel. By a simple sliding-slot, the handle is made to raise or lower for man or child.

Tools are all made of the best spring steel and can be used for different purposes. So cheap in price that every home should have one.

No. 1 has a 15-inch wheel, to axle of which are attached the arch and handle, with a flat spring extending from arch to the handle. Made to suit those who want a moderate price plow.

PRICE.

No. 1—With Diamond and Bull Tongue	\$2.75
No. 1—With Turning Plow and Bull Tongue	\$3.00

No. 2 consists of a 16-inch steel wheel with arches and handle attached to axle as shown in cut. A tempered steel spring extends from each arch to slot on handle, by means of which we make a perfect adjustable handle. Has a tool on each side of arch, and by turning over the handle can use one or the other.

PRICE.

No. 2—With Diamond and Bull Tongue	\$3.50
No. 2—With Turning Plow and any two other attachments	\$4.00
No. 2—With all attachments as shown in cut	\$4.25



ARTIFICIAL PLANTS FOR DECORATION.



Sago Palm.

We issue a handsome illustrated
price list of

PREPARED PALMS,

BEGONIAS, HYDRANGEAS,

EVERLASTING DESIGNS,

WREATHS, ETC., ETC.

Also handle Cut Flowers and Plants and can fill
your order on short notice.

Parties interested please write.



We are headquarters for

FANCY AND PLAIN JARDINIERES,

FLOWER POTS OF ALL SIZES,

HANGING BASKETS AND WIRE DESIGNS.

PREMIER SEED SOWER.

This Seeder just coming on the market is sure to be a winner. Combining lightness, durability and simplicity, easily adjusted to sow a given quantity of any seeds, from light Grasses to Cane and Millet.

Price, Securely Packod, by Express, \$1.15.

LANG'S HAND WEEDER.

This we find to be by actual trial a first-class labor-saver; it will save its cost in a day. The special advantage of this over all other weeders of this class is that it has a band which passes over the fingers, which, when the tool is not in use, gives full use to the hand for pulling weeds and thinning out plants without laying down the tool. It is neatly and strongly made.

Price, by Express, 25c; by mail, postpaid, 30c.

HASELTINE HAND WEEDER.

This useful little garden tool grows in popularity each season. Made of the best material obtainable, and will stand grinding as long as any part of the blade remains. □ Almost indispensable in handling small crops of Onions, Beets, and all plants which are thickly sown.

By Mail, Postpaid, 30 cts.; Not Postpaid, 25 cts.

Write for Special Price List of Wheel Hoes, Drills, Grass Edgers, Horse Hoes, Hill Droppers and Combination Tools, etc.

OLMSTEAD'S MOLE TRAPS.

Price, Each, \$1.25.

HAMMOND'S SLUG SHOT

Has been recognized for the past twenty-five years as the best insecticide on the market. Per lb., postpaid, 15c; 5 lbs., by express, not prepaid, 35c.

TO MERCHANTS—Our method of handling Packet Seeds has made money for your competitors, why not you? Write for terms and prices.



“PLANET JR.” GARDEN TOOLS.

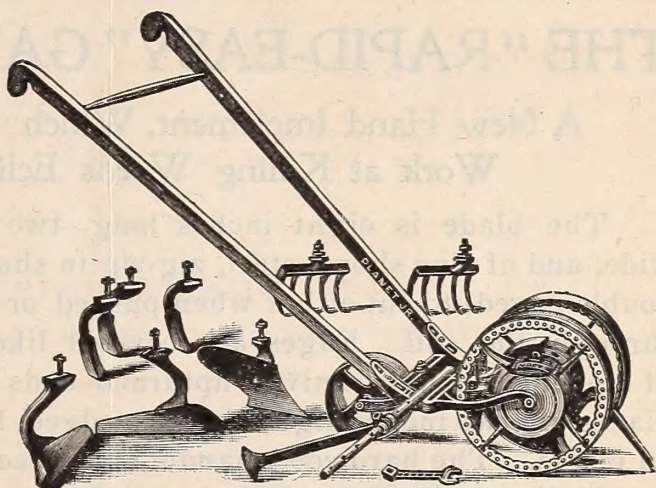
Planet Jr. Garden Tools are becoming so well known that it is superfluous to speak of their merits. To those of our friends who are unfamiliar with the many advantages they offer for the farm and garden, we would request that you send for our special catalogue, elegantly illustrating the many uses to which they may be put.

To those who are using Planet Jr. goods, we wish to say we are carrying this season a line of extra attachments. In case of breakage or accident, order from us and avoid delay.

In ordering supplies always give number of casting wanted.

“Planet Jr.” No. 1 Combined Drill, Wheel Hoe, Cultivator and Plow—It has a complete set of cultivating tools, and all its work is rapid, easy, perfect and delightful. When used as a drill, the seed is sown with great regularity and at a uniform depth, regulated at pleasure. The hopper holds one quart. From a drill it is changed into its other uses by unscrewing but two bolts, when any of the attachments shown in the cut can be quickly attached.

Price, \$9.50.



No. 1 Combined Drill Seeder, Wheel Hoe, Cultivator, Rake and Plow. Price, \$9.50.
Holds One Quart.



“PLANET JR.” No. 12
Double Wheel Hoe,
Cultivator
and Plow.

Plain Double Wheel Hoe, plan being the same as No. 12, but having only the two hoes or scrapers; an invaluable tool in the culture of Onions, Beets, etc. Price, \$4.50.

No. 16 Single Wheel Hoe—This tool has two hoes or scrapers, three cultivator teeth, one pair rakes, one large plow. No home garden should be without one of these tools. Price, complete, \$5.50.

Price, With Attachments as Shown in Cut, \$6.50.

WHEEL HOES AND ATTACHMENTS.

Wheel Hoes are the companion implements of Seed Drills, and are indispensable to market gardeners, to sugar beet growers, to nurserymen, and to all farmers who grow roots for stock or vegetables for market. By using good wheel hoes, one can plant five times his usual acreage of small hoed crops, without fear of being caught in their cultivation.

It is a much less common mistake now than it was twenty years ago to imagine that these finely made tools are fit only for the playthings of fancy farmers, or for the gardens of the rich; or, as one person expressed it, that they are too handsome for any place but the parlor. Nothing could be farther from the truth. The rich can get along without them, and the fancy farmer can pay for hand labor to take their place. Instead of the parlor, the garden, the field and the farm are their natural homes.

In a word, while they are adapted to the strength of a boy or woman, they are built expressly for the *all day work of an able-bodied man*.

Wheel Hoes should be used *at the speed of a moderate walk*, making a stroke at each step. Much closer work can be done in this way, and the guiding of the tool is far easier. For very delicate work, short strokes may be taken, three or four to a step. Any one can become skillful in a short time; the chief rule is to set the hoes right, and then watch the wheels only, keeping *them* at the proper distance from the row.

"PLANET JR." GRASS EDGER. PRICE, \$6.00.

Extreme Neatness is the great secret of attractiveness in grounds surrounding a house. The Grass Edger assists wonderfully in producing this effect. It will edge either straight or curved work, paths, drives, open borders or flower beds, at the speed of a mile an hour. It should be the constant companion of the lawn mower.

Strawberry Growers will find the Grass Edger, with the hoe removed, a rapid and perfect tool for cutting off surplus runners.

We Can Furnish Catalogue of Planet Jr. Garden Tools, Cultivators, etc., on Application.

THE "RAPID-EASY" GARDEN WEEDER.

A New Hand Implement, Which for Speed and Easy Work at Killing Weeds Eclipses Everything.

The blade is eight inches long, two inches wide, and of fine shovel steel, zig-zig in shape and double-edged, to cut either when pushed or pulled through the soil. Edges are beveled like those of mowing machine knives, upturned ends of the blades are two inches high, also two-edged, beveled on inside. The hardwood handle is five feet long.

It slips easily through the ground, either when pulled or pushed. It can be run close to a row of plants without cutting them. Works easier than a hoe and much faster. It is light, strong, durable and cheap.

BY EXPRESS, 75 CENTS.

More Work Can be Done in One Hour With It Than With a Hoe in Three.



WEIGHT OF VARIOUS ARTICLES.

	Per bush.		Per bush.		Per bush.		Per bbl.
Apples.....	48 lbs.	Corn Meal.....	50 lbs.	Peas, wrinkled.....	56 lbs.	Salt, per bbl.....	280 lbs.
dried.....	22 "	Cranberries.....	40 "	Perennial Rye Grass.....	20 "	WEIGHT PER CUBIC FOOT.	
Barley.....	48 "	Dried Peaches.....	28 "	Potatoes, (heaping		Hay, well settled.....	4½ lbs.
Beans.....	60 "	Flax Seed.....	56 "	measure).....	60 "	Corn, on cob in bin.....	22 "
Buckwheat.....	48 "	Fowl Meadow.....	12 "	Rape.....	50 "	" shelled, ".....	45 "
Blue Grass, Kentucky.....	14 "	Hemp Seed.....	44 "	Rye.....	56 "	Wheat, ".....	48 "
" English.....	22 "	Hungarian.....	48 "	Red Top.....	14 "	Oats, ".....	25½ "
Bran.....	20 "	Millet.....	50 "	Salt, Coarse.....	50 "	Potatoes, ".....	38½ "
Canary Seed.....	60 "	Oats.....	32 "	Michigan.....	56 "		
Clover Seed.....	60 "	Onions.....	57 "	Sweet Potatoes.....	56 "		
Corn, Field, shelled.....	56 "	Orchard Grass.....	14 "	Timothy Seed.....	45 "		
" on ear.....	70 "	Osage Orange.....	33 "	Turnips.....	58 "		
Sweet, sold by		Peach Pits.....	50 "	Wheat.....	60 "		
measured bushel.		Peas, smooth.....	60 "	Flour, per bbl., net.....	196 "		

Merchants not receiving our wholesale price card of Field Seeds, Grass Seeds, Onion Sets, etc., are requested to write for same. We give you prompt service and save you freight.

Judging from all reports there will be a great shortage in a number of varieties of Seeds, such as Sweet Corn, Cucumber, Beans, Water Melon, Musk Melon, Squash, Pumpkin and Tomatoes, and prices will be a great deal higher than usual; we would therefore advise you to place your orders early, as you will save money by doing so.

We make a specialty of Tomato Seed for Cannery. Write for prices on large quantities.

Prices on Field Seeds and Potatoes made subject to market changes, and orders filled at lowest prevailing price on date order is received.

We make a specialty of Onion Sets. Write for special prices on bushel and large lots.

Try our Mixed Lawn Grass. Per lb. in 1 lb. cartons, 25c; per bushel of 20 lbs. in bulk, \$3.50.

Reference Tables.

Quantity of Seed Requisite to Produce a Given Number of Plants and Sow an Acre.

Quantity per acre		Quantity per acre		Quantity per acre	
Artichoke, 1 oz. to 500 plants....	6 oz.	Cucumber, 1 oz. to 100 hills... 1 to 3	lbs.	Onion Seed, 1/2 oz. to 100 feet of drill	4 to 5 lbs.
Asparagus, 1 oz. to 800 plants....	1 lb.	Egg Plant, 1 oz. to 2,000 plants... 4	oz.	Onion Seed for Sets.....	40 to 80 lbs.
Asparagus Roots.....	1000 to 7250	Endive, 1/4 oz. to 100 ft. of drill... 4 1/2	lbs.	Onion Sets, 1 qt. to 40 ft. of drill	8 bu.
Barley.....	2 1/2 bu.	Flax, broadcast.....	1/2 bu.	Parsnip, 1/4 oz. to 100 ft. of drill	3 lbs.
Beans, dwarf, 1 pint to 100 feet of drill	1 bu.	Garlic, bulbs, 1 lb. to 10 ft. of drill		Parsley, 1/4 oz. to 100 ft. of drill	3 lbs.
Beans, pole, 1 pint to 100 hills...	7 bu.	Gourd, 2 oz. to 100 hills.....	2 bu.	Peas, garden, 1 pint to 100 feet of drill	1 to 3 bu.
Beet, garden, 1 oz. to 100 ft. of drill	1/2 lbs.	Grass, Blue, Kentucky.....	2 bu.	Peas, field.....	2 bu.
Beet, Mangel, 1 oz. to 100 feet of drill	5 "	Grass, Blue, English.....	1 bu.	Pepper, 1 oz. to 1,500 plants.....	3 oz.
Broccoli, 1 oz. to 5,000 plants.....	2 oz.	Grass, Hungarian and Millet....	1/2 bu.	Pumpkin, 1/2 qt. to 100 hills... 3 to 4	lbs.
Brussels Sprouts, 1 oz. to 5,000 plants.....	2 oz.	Grass, Mixed Lawn.....	3 to 5 bu.	Radish, 1/2 oz. to 100 feet of drill	
Buckwheat.....	1/2 bu.	Grass, Red Top, Fancy Clean, 8 to 10	lbs.		10 to 12 lbs.
Cabbage, 1 oz. to 5,000 plants.....	2 oz.	Grass, Timothy.....	1/4 bu.	Rye.....	1 1/2 bu.
Carrot, 1/4 oz. to 100 feet of drill... 2 1/2	lbs.	Grass, Orchard, Perennial Rye, Red Top, Fowl Meadow and Wood Meadow.....	2 bu.	Salsify, 1/2 oz. to 100 ft. of drill... 8	lbs.
Cauliflower, 1 oz. to 5,000 plants. 2 1/2	oz.	Hemp.....	1/2 bu.	Spinage, 1/2 oz. to 100 ft. of drill... 8	lbs.
Celery, 1 oz. to 15,000 plants.....	2 oz.	Horse Radish Roots.....	10,000 to 15,000	Spurry.....	15 lbs.
Cichory.....	4 lbs.	Kale, 1 oz. to 5,000 plants.....	2 oz.	Summer Savory.....	3 lbs.
Clover, Alsike and White Dutch. 6	lbs.	Kohl Rabi, 1/2 oz. to 100 ft. of drill 4	lbs.	Sunflower.....	8 lbs.
" Lucerne.....	15 to 25 lbs.	Leek, 1/2 oz. to 100 ft. of drill... 4	lbs.	Squash, Summer, 4 oz. to 100 hills 2	lbs.
" Crimson Trefoil.....	10 to 15 lbs.	Lettuce, 1/4 oz. to 100 ft. of drill... 3	lbs.	" Winter, 8 oz. to 100 hills. 2	lbs.
" Large Red and Medium.....	8 to 12 lbs.	Martynia, 1 oz. to 100 ft. of drill. 5	lbs.	Tomato, 1 oz. to 4,500 plants....	1 oz.
Collards, 1 oz. to 5,000 plants.....	2 oz.	Melon, Musk, 1 oz. to 100 hills, 1 to 3	lbs.	Tobacco, 1 oz. to 5,000 plants....	2 oz.
Corn, Rice (shelled).....	2 qts.	Melon, Water, 4 oz. to 100 hills, 1 1/2 to 4	lbs.	Turnip, 1 oz. to 250 ft. of drill. 1 to 3	lbs.
Corn, Sweet, 1/4 pint to 100 hills... 6	qts.	Nasturtium, 2 oz. to 100 feet of drill	15 lbs.	Vetches.....	2 bu.
Cress, 1/2 oz. to 100 feet of drill... 12	lbs.	Okra, 1 oz. to 100 feet of drill... 8	lbs.		

Foreign Names of Vegetables and Herbs.

ENGLISH. GERMAN. FRENCH. SPANISH. ITALIAN. DUTCH.

Anise.....	Anis.	Gruener Anis.	Anis.	Anis, Matalahuga.	Aniso, Anacio.....	Anijis.
Artichoke.....	Artichoke		Artichaut	Alcachofa	Articiocca	Arti-jok.
Asparagus.....	Spargel		Asperge	Esparrago	Sparagio	Asperge.
Balm.....	Citronen-Melisse.		Melisse citronelle.	Toronjil Citronella	Melissa	Citroen Melisse.
Basil.....	Basilikum		Basilic grand	Albaca	Basilico	Basilicum.
Beans.....	Bohnen		Haricots	Habichuela	Fagioli	Boonen.
Beet.....	Rube		Betterave	Remolacha	Barbabetola	Bieten.
Borage.....	Boretsch		Borrache	Boraja	Boragine	Bernagie.
Brocoli.....	Spargelkohl		Chou Brocoli	Broculi	Broccoli	Broccoli.
Brussels Sprouts.....	Rosenkohl		Chou de Bruxelles	Bretonese bruselas	CavolodiBruselles	Spruitkool.
Cabbage.....	Kopfkohl, Kraut		Chou pomme	Col repello	Cavolo cappuccio.	Sluitkool.
Cabbage, Savoy.....	Wirsing		Chou de Milan	Col de Milan	Cavolo di Milano	Savooieekool.
Caraway.....	Feld-Kummel		Cumin des pres	Comino	Carvi	Karwij.
Carrot.....	Carroten, Mohren.		Carotte	Zanahoria.	Carota	Wortelen.
Cauliflower.....	Blumenkohl		Chou-fleur	Coliflor	Cavolofiore	Bloemkool.
Celery.....	Sellerie		Celeri	Apio	Sedano	Selderij.
Celeriac.....	Knoll-Sellerie		Celeri-rave	Apio-nabo	Sedano-rapa	Knolselderij.
Cervil.....	Kerbel		Cerfeuil	Perifollo	Cerfoglio	Kervel.
Chicory.....	Cichorienwurzel		Chicoree sauvage	Achicoria	Cicoria selvatica	Suikerij.
Coriander.....	Coriander		Coriandre	Culantro	Coriandorlo	Koriander.
Corn Salad.....	Feldsalat		Mache	Canonigos	Valeriana	Veldsla.
Corn.....	Mais		Mais	Maiz	Mais	Mais.
Cress.....	Garten-Kresse		Cresson alenois	Mastuerzo	Agretto	Tuinkers.
Cress, Water.....	Brunnenkresse		Cressondefontaine	Berro	Nasturzio aquatico	Waterkers.
Cucumber.....	Gurken		Concombre	Cohombro	Cetriolo	Komkommer.
Dandelion.....	Lowenzahn		Pissenlit	Diente de leon	Dente di leone	Molsla.
Dill.....	Dill		Aneth	Eneldo	Aneto	Dille.
Egg Plant.....	Eierpflanze		Aubergine	Berengena	Petonciano	Melanzaan-plant.
Endive.....	Endivien		Chicoree Endive	Endivia	Indivia	Andijvie.
Fennel.....	Fenchel		Fenouil	Hinojo	Finocchio	Venkel.
Garlic.....	Knoblauch		Ail	Ajo	Aglio	Knoflook.
Horse Radish.....	Meer Retig		Raifort sauvage	Taramago	Rafano	Peperwortel.
Hyssop.....	Isop		Hyssope	Hisopo	Issopo	Hysop.
Kale.....	Blatterkohl		Chou vert	Breton, Berza	Cavolo verde	Boerenkool.
Kohl Rabi.....	Knollkohl		Chou-rave	Col rabano	Cavolo rapa	Koolrabi.
Lavender.....	Lavendel		Lavande	Espliego	Lavanda	Lavendel.
Leek.....	Porree, Lauch		Poireau	Puerro	Porro	Prei.
Lettuce.....	Lattich, Kopfsalat.		Laitue	Lechuga	Lattuga	Kropsla.
Marjoram.....	Majoran		Marjolaine	Mejorana	Maggiorana	Marjolijn.
Melon.....	Melone		Melon	Melon	Popone	Meloen.
Melon, Water.....	Wasser-Melone		Melon d'eau	Sandia	Molone d'acqua	Water Meloen.
Mushroom.....	Schwamm		Champignon	Seta	Fungo pratajolo	Kampernoelie.
Nasturtium.....	Kapuciner Kresse		Capucine	Capuchina	Nasturzio	Capucine-kers.
Okra.....	Ocher		Gombaud	Gombo	Ocra	
Onion.....	Zwiebel		Ognon	Cebolla	Cipollo	Uien.
Parsley.....	Petersilie		Persil	Perejil	Prezzemolo	Peterselie.
Parsnip.....	Pastinake		Panais	Chirivia	Pastinaca	Pinksternokel.
Peas.....	Erbsen		Pois	Guisante	Pisello	Erwtien.
Pepper.....	Pfeffer		Piment	Pimiento	Peperone	Spaansche Peper.
Pumpkin.....	Melonen-Kurbiss		Potiron	Calabaza totanera	Zucca	Pompoen.
Radish.....	Radies		Radis	Rabanito	Revanello	Radijs.
Rhubarb.....	Rhabarber		Rhubarbe	Ruibarbo	Rabarbaro	Rabarber.
Rosemary.....	Rosmarin		Romarin	Romero	Rosmarino	Rozemarijn.
Rue.....	Raute		Ruda	Ruda		Wijnruit.
Saffron.....	Safran		Safran	Azafran	Zafferano	Saffraan.
Sage.....	Salbei		Sauge	Salvia	Salvia	Salie.
Salsify.....	Haferwurzel		Salsifis	Salsifi blanco	Sassefrica	Salsefy.
Sorrel.....	Sauerampfer		Oseille	Acedera	Acetosa	Zuring.
Summer Savory.....	Bohnenkraut		Sarriette annuelle	Ajedrea comun	Santoreggia	Boonenkruid.
Spinage.....	Spinat		Epinard	Espinaca	Spinace	Spinazie.
Squash.....	Kurbiss		Courge	Calabaza	Zucca	Kalebas.
Tansy.....	Gemeiner rainfarn		Tanaisie	Tanaceto	Atanasia	Wormkruid.
Thyme.....	Thymian		Thym	Tomillo	Timo	Tijm.
Tomato.....	Liebesapfel		Pomme d'Amour	Tomate	Pomo d'oro	Tomaat.
Turnip.....	Weisse Rube		Nabot	Nabo	Navone	Rapaen.
Wormwood.....	Wermuth		Absinthe	Ajenjo	Assenzio	Alsem.




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